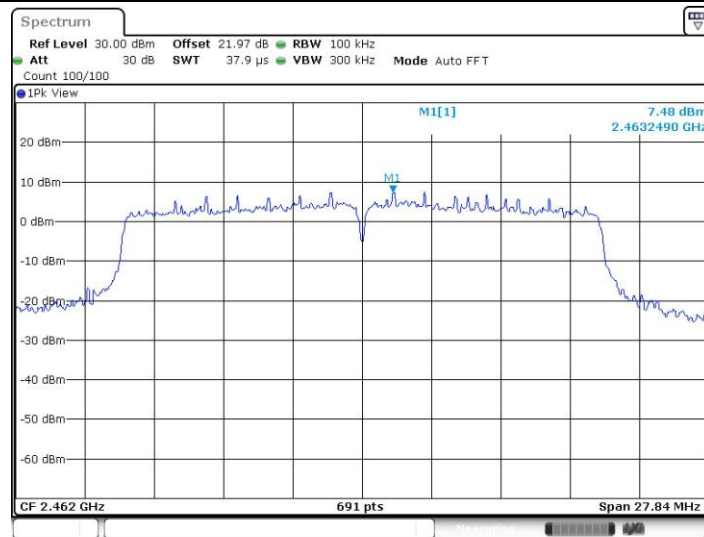
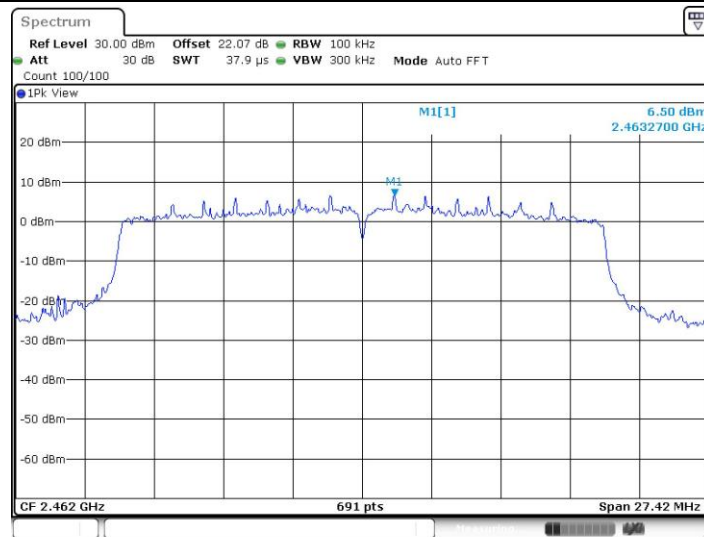




11AX20MIMO\_Ant1\_2462

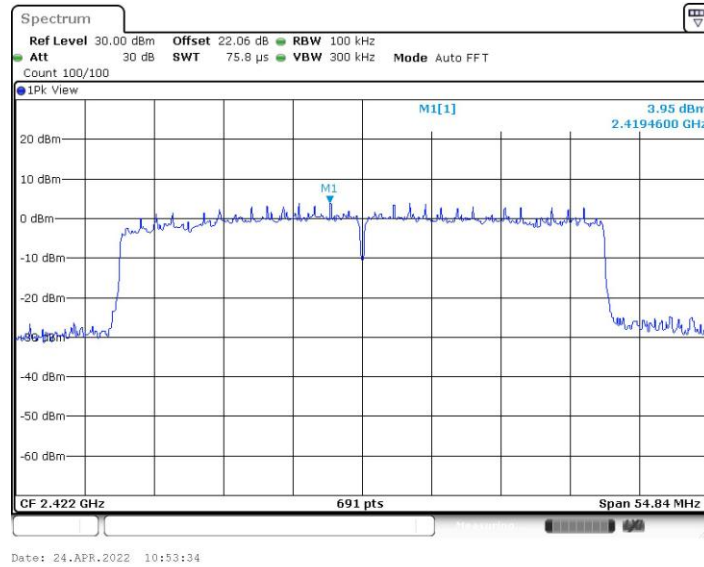


11AX20MIMO\_Ant2\_2462

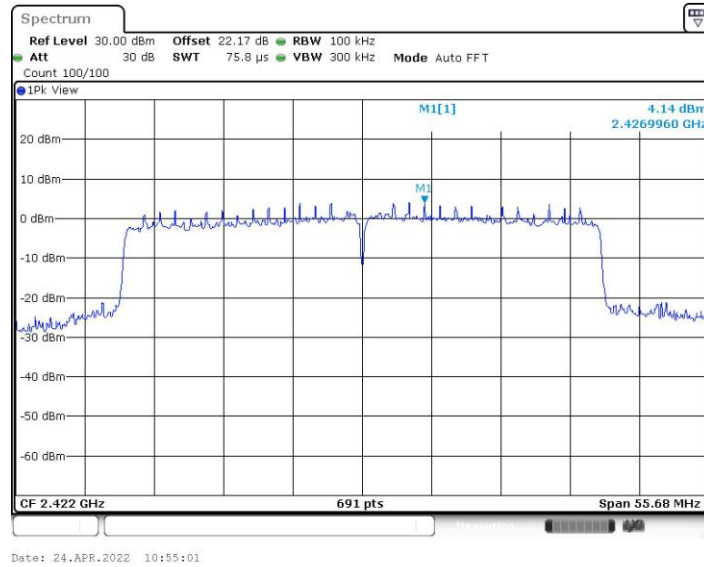




11AX40MIMO\_Ant1\_2422

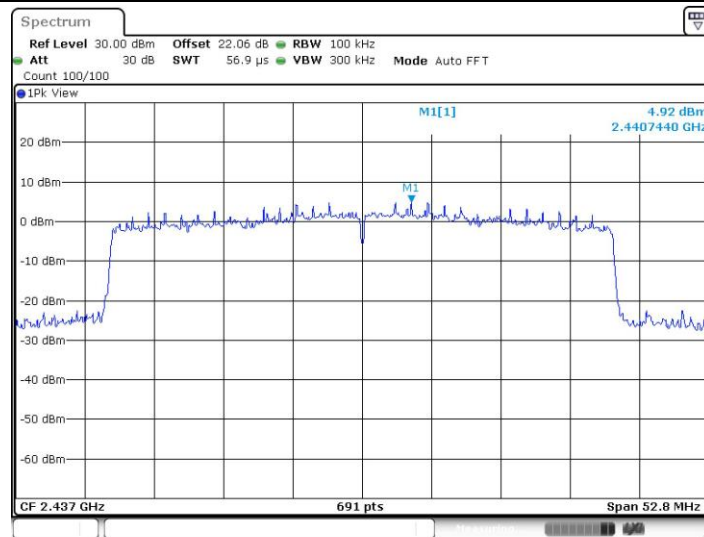


11AX40MIMO\_Ant2\_2422



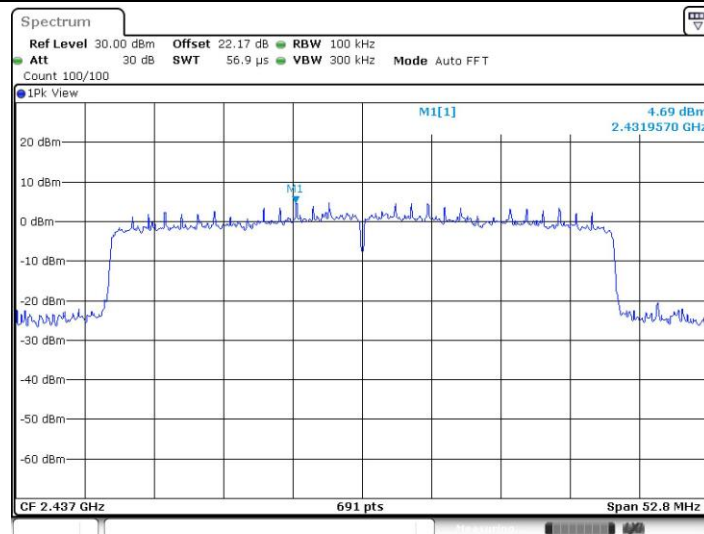


11AX40MIMO\_Ant1\_2437



Date: 24.APR.2022 10:57:18

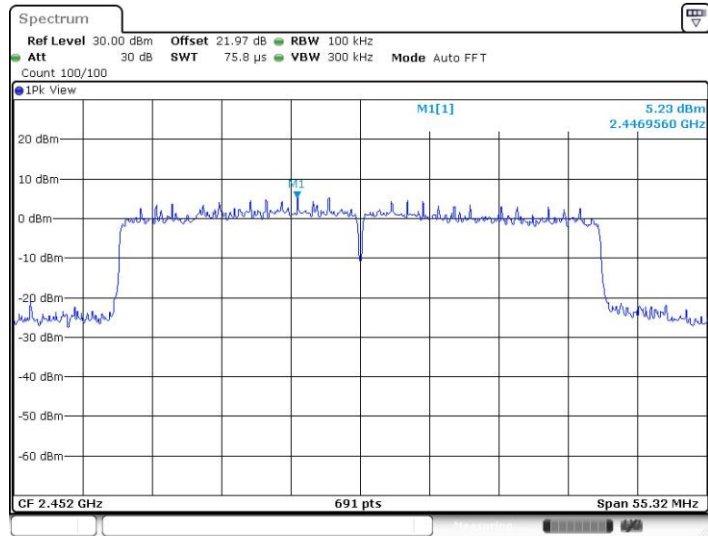
11AX40MIMO\_Ant2\_2437



Date: 24.APR.2022 10:58:33

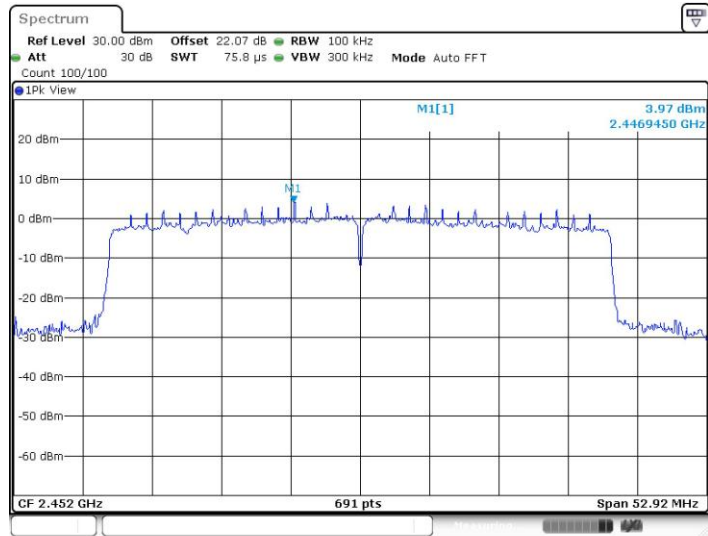


11AX40MIMO\_Ant1\_2452



Date: 24.APR.2022 11:00:02

11AX40MIMO\_Ant2\_2452



Date: 24.APR.2022 11:01:28

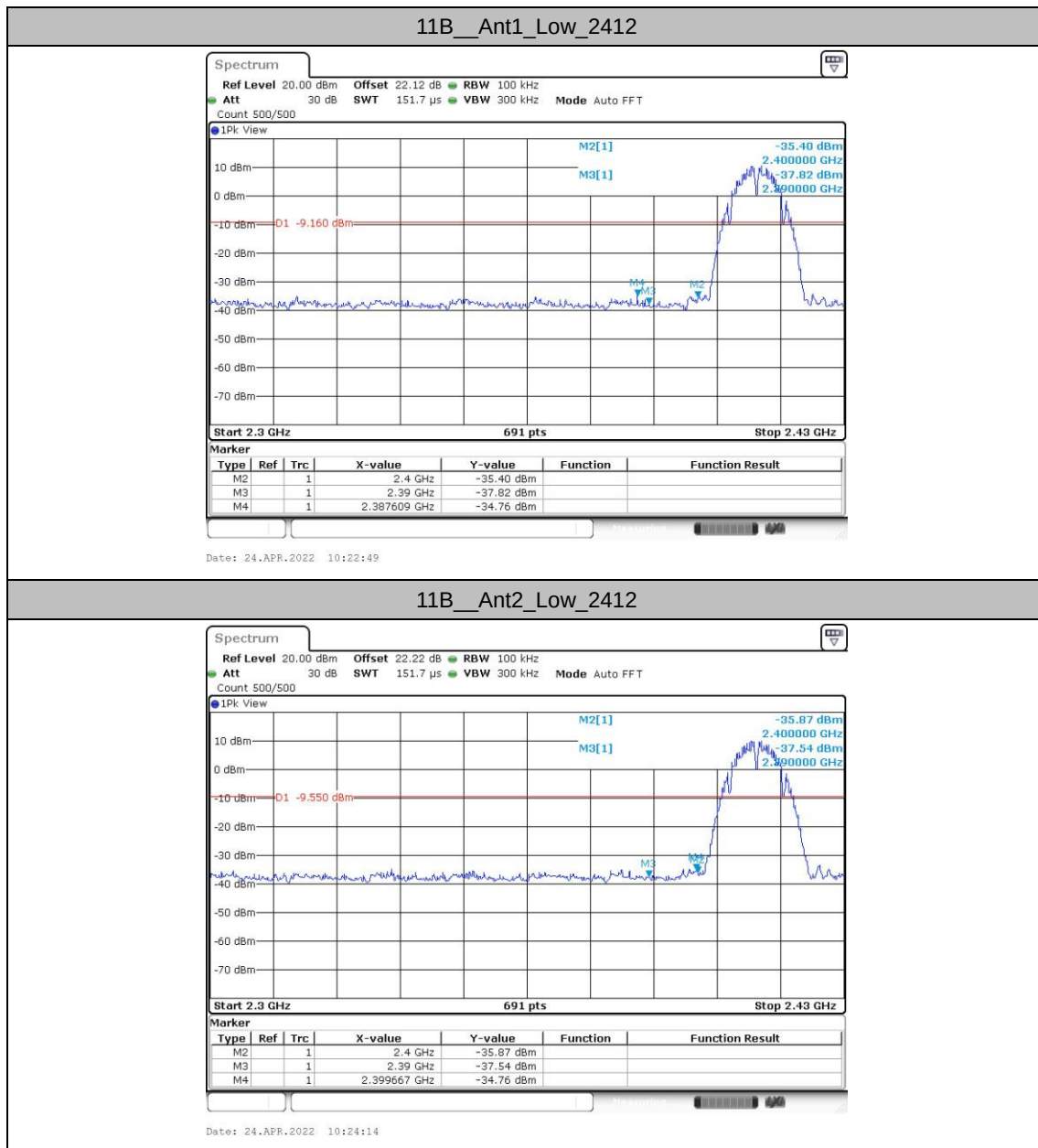
## Band edge measurements

### Test Result

| TestMode   | Antenna | ChName | Freq (MHz) | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|--------|------------|----------------|--------------|-------------|---------|
| 11B_       | Ant1    | Low    | 2412       | 10.84          | -34.76       | ≤-9.16      | PASS    |
|            | Ant2    | Low    | 2412       | 10.45          | -34.76       | ≤-9.55      | PASS    |
|            | Ant1    | High   | 2462       | 10.52          | -33.65       | ≤-9.48      | PASS    |
|            | Ant2    | High   | 2462       | 10.06          | -35.03       | ≤-9.94      | PASS    |
| 11G_       | Ant1    | Low    | 2412       | 7.83           | -23.11       | ≤-12.17     | PASS    |
|            | Ant2    | Low    | 2412       | 7.13           | -20.6        | ≤-12.87     | PASS    |
|            | Ant1    | High   | 2462       | 7.41           | -34.44       | ≤-12.59     | PASS    |
|            | Ant2    | High   | 2462       | 6.56           | -34.4        | ≤-13.44     | PASS    |
| 11N20MIMO  | Ant1    | Low    | 2412       | 6.35           | -26.76       | ≤-13.65     | PASS    |
|            | Ant2    | Low    | 2412       | 5.64           | -21.4        | ≤-14.36     | PASS    |
|            | Ant1    | High   | 2462       | 3.51           | -35.28       | ≤-16.49     | PASS    |
|            | Ant2    | High   | 2462       | 2.38           | -35.14       | ≤-17.62     | PASS    |
| 11N40MIMO  | Ant1    | Low    | 2422       | 1.53           | -30.88       | ≤-18.47     | PASS    |
|            | Ant2    | Low    | 2422       | 1.90           | -28.74       | ≤-18.1      | PASS    |
|            | Ant1    | High   | 2452       | -0.83          | -34.84       | ≤-20.83     | PASS    |
|            | Ant2    | High   | 2452       | -2.04          | -34.82       | ≤-22.04     | PASS    |
| 11AX20MIMO | Ant1    | Low    | 2412       | 7.63           | -22.9        | ≤-12.37     | PASS    |
|            | Ant2    | Low    | 2412       | 7.04           | -16.46       | ≤-12.96     | PASS    |
|            | Ant1    | High   | 2462       | 7.48           | -33          | ≤-12.52     | PASS    |
|            | Ant2    | High   | 2462       | 6.50           | -33.36       | ≤-13.5      | PASS    |
| 11AX40MIMO | Ant1    | Low    | 2422       | 3.95           | -26.08       | ≤-16.05     | PASS    |
|            | Ant2    | Low    | 2422       | 4.14           | -23.71       | ≤-15.86     | PASS    |
|            | Ant1    | High   | 2452       | 5.23           | -25.16       | ≤-14.77     | PASS    |
|            | Ant2    | High   | 2452       | 3.97           | -27.6        | ≤-16.03     | PASS    |

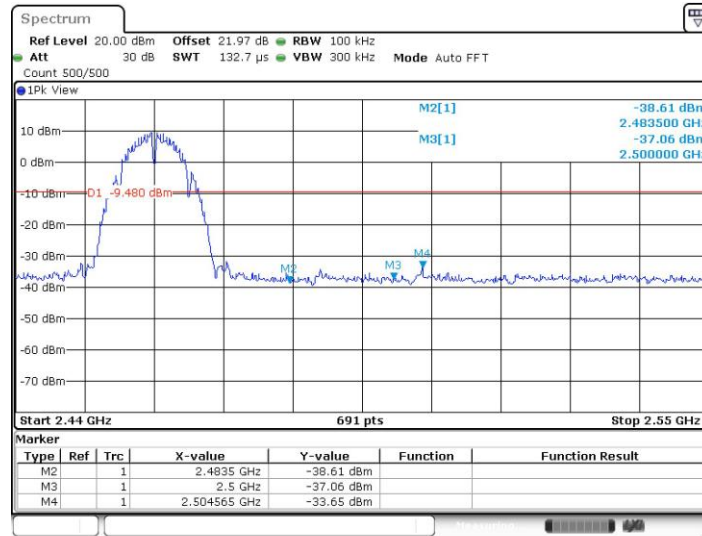


## Test Graphs

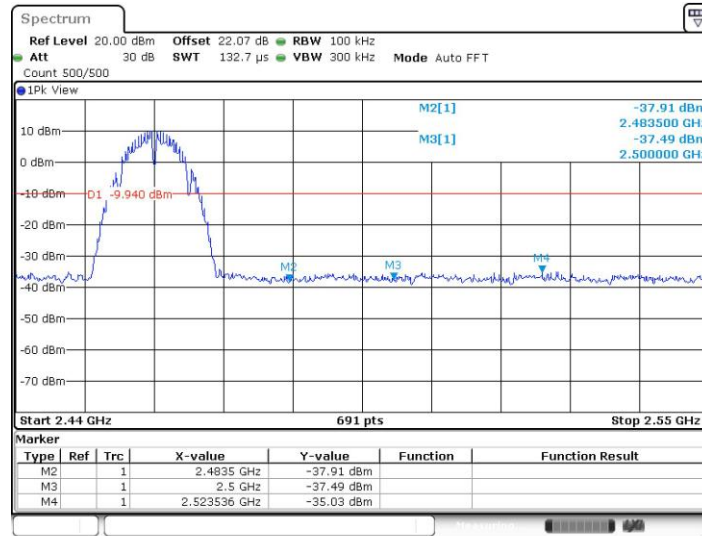




11B\_Ant1\_High\_2462

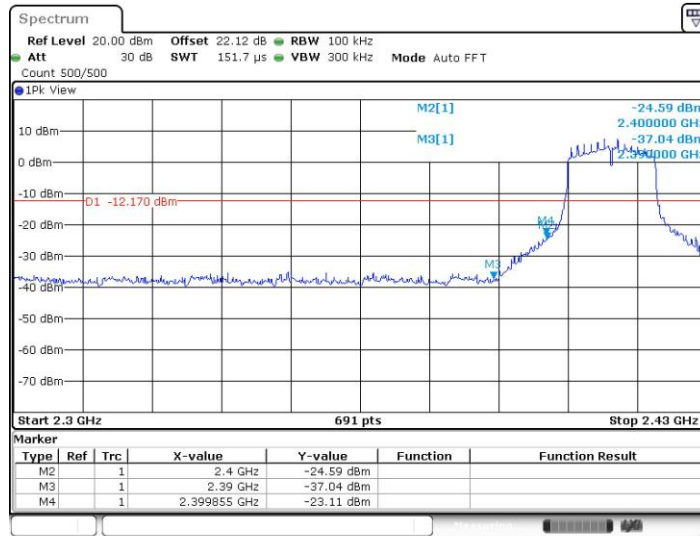


11B\_Ant2\_High\_2462

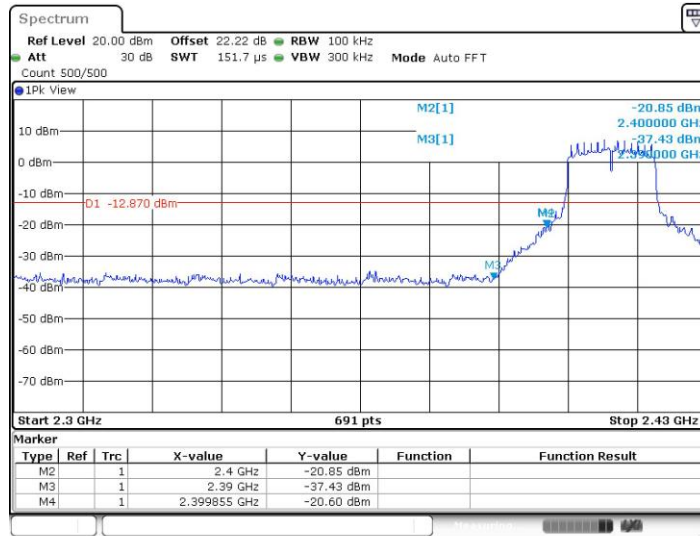




11G\_Ant1\_Low\_2412

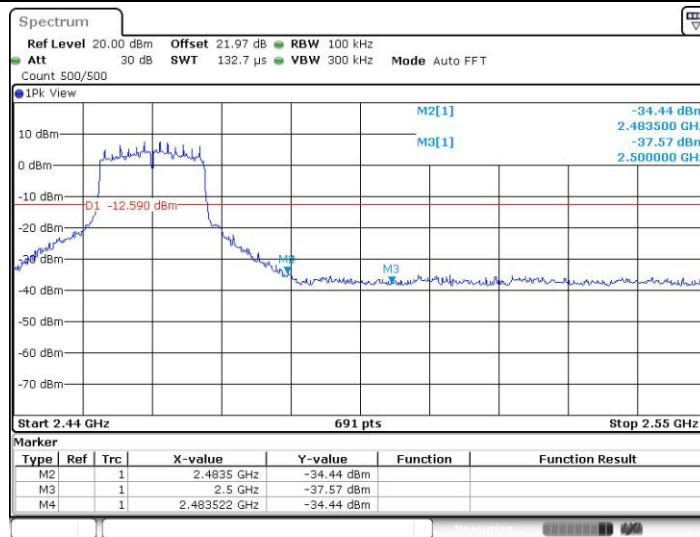


11G\_Ant2\_Low\_2412

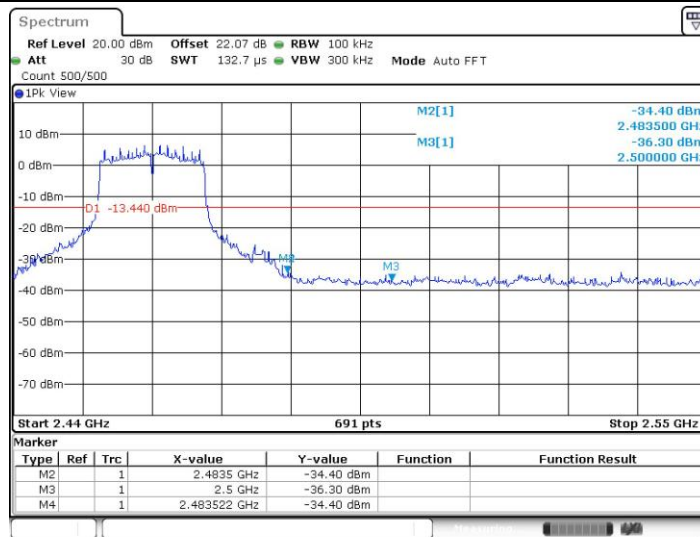




11G\_Ant1\_High\_2462

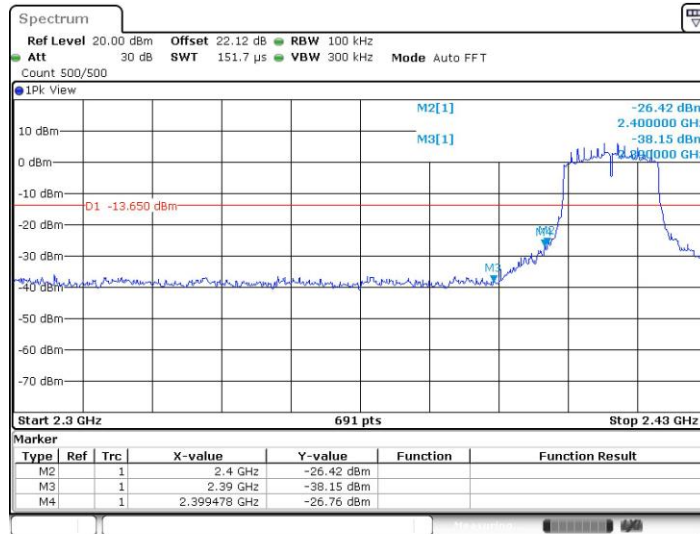


11G\_Ant2\_High\_2462

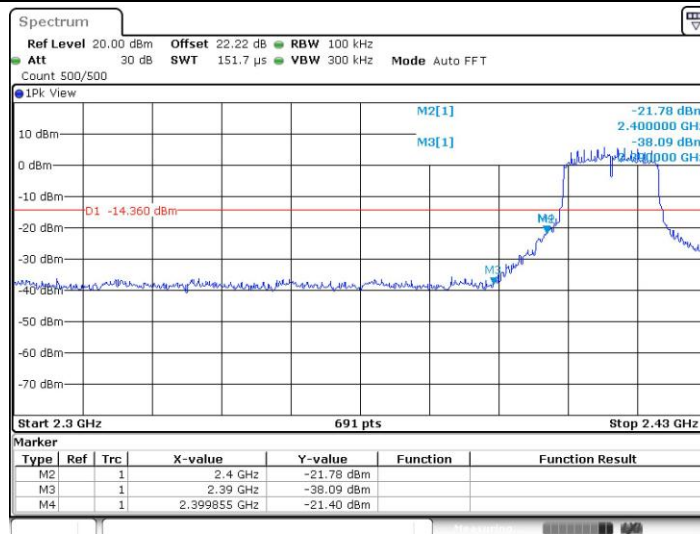




11N20MIMO\_Ant1\_Low\_2412

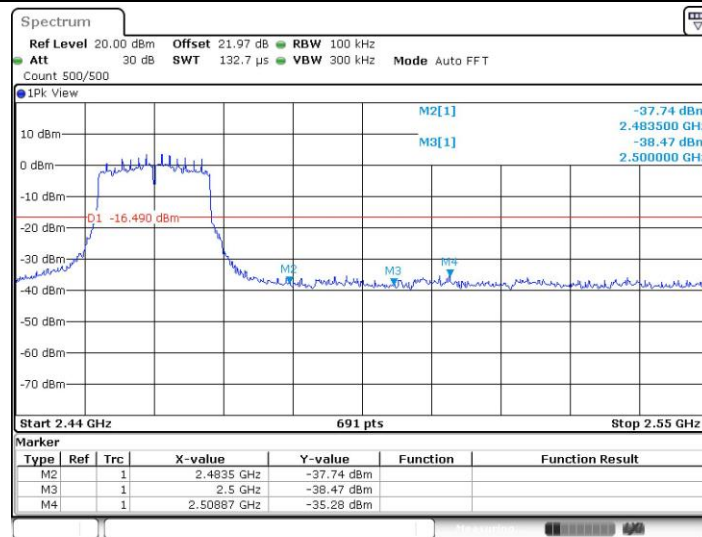


11N20MIMO\_Ant2\_Low\_2412

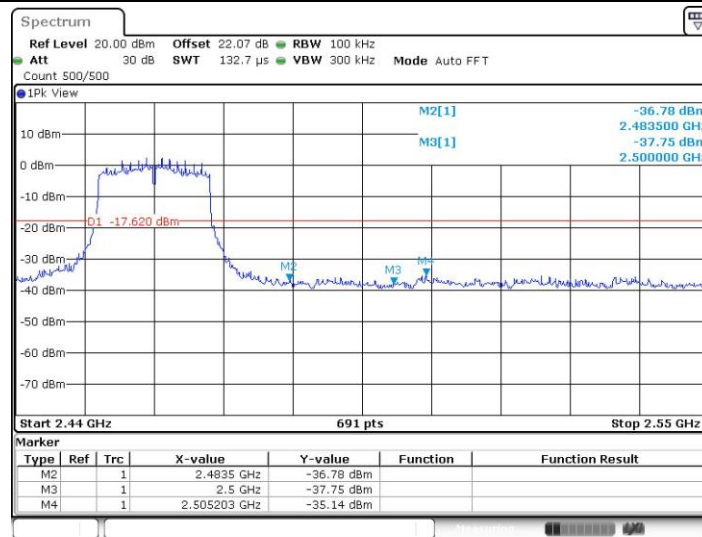




11N20MIMO\_Ant1\_High\_2462

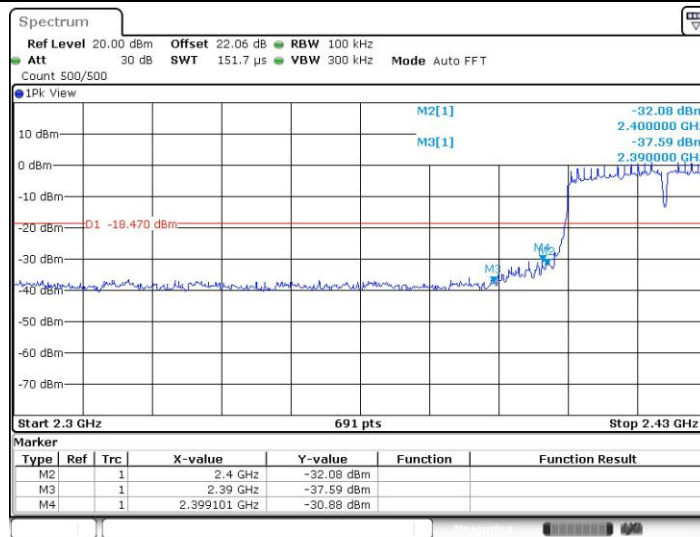


11N20MIMO\_Ant2\_High\_2462

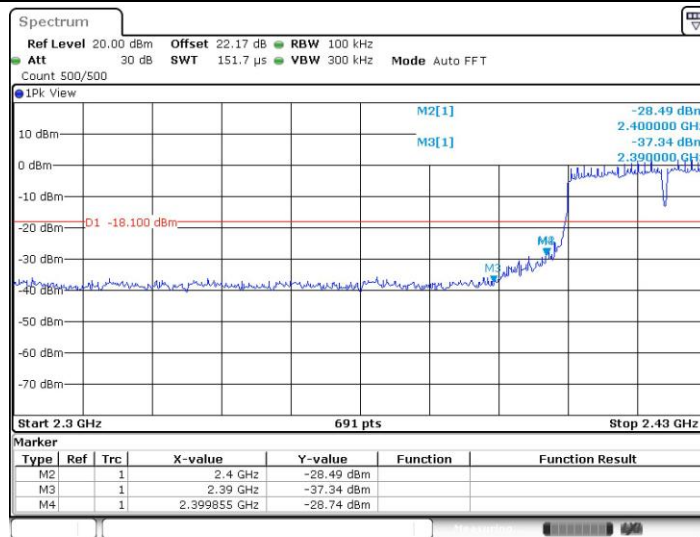




11N40MIMO\_Ant1\_Low\_2422

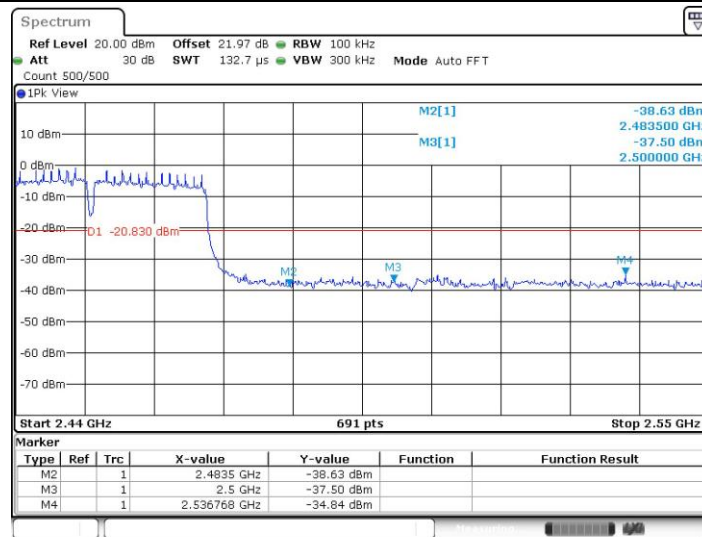


11N40MIMO\_Ant2\_Low\_2422

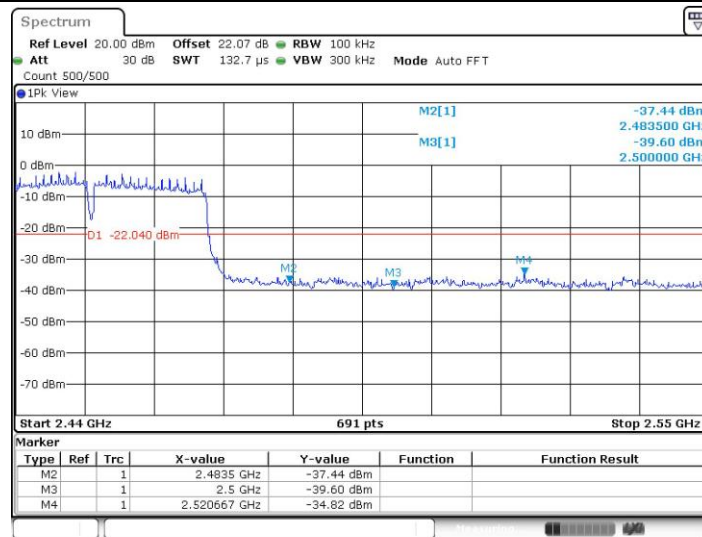


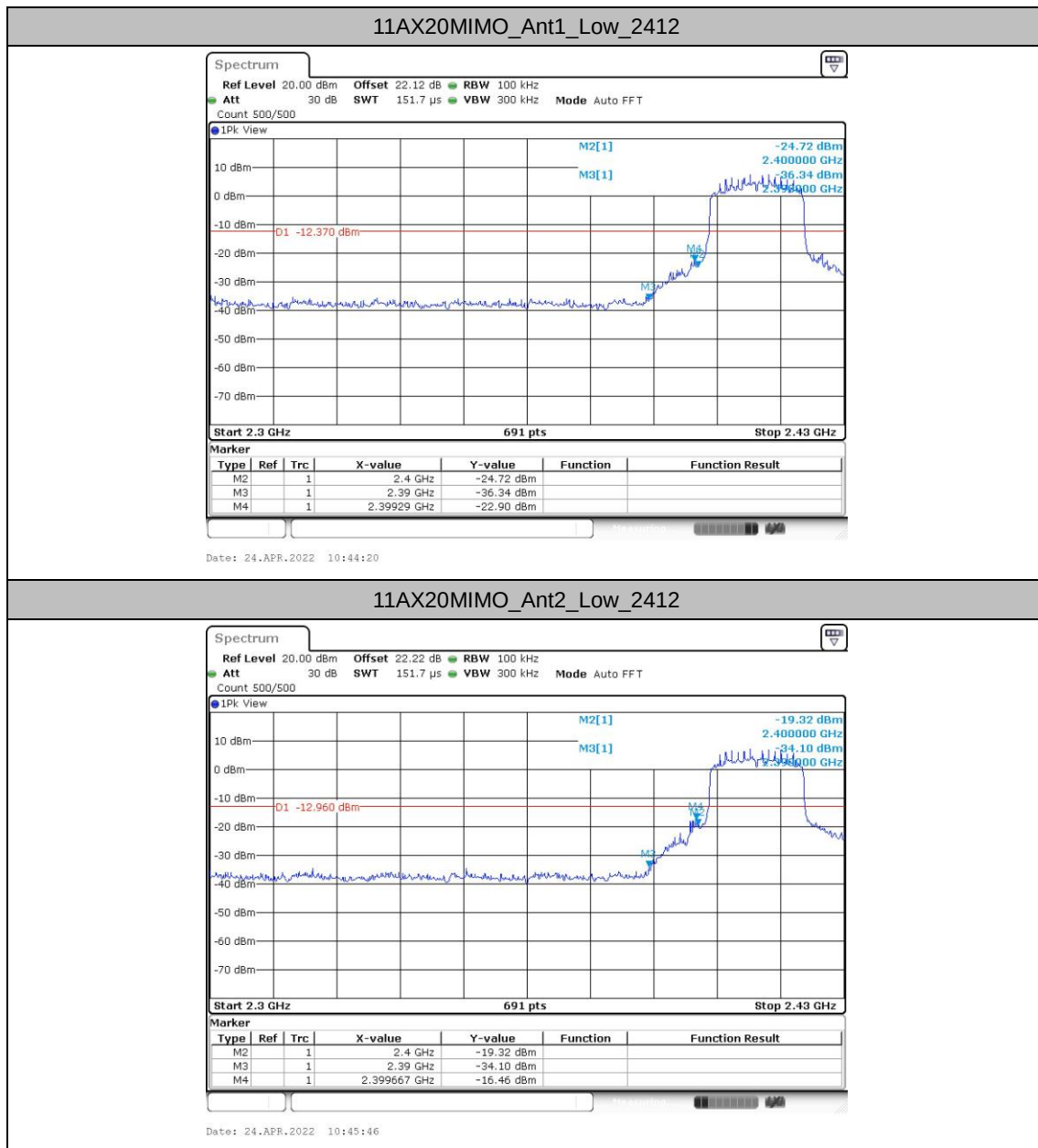


11N40MIMO\_Ant1\_High\_2452



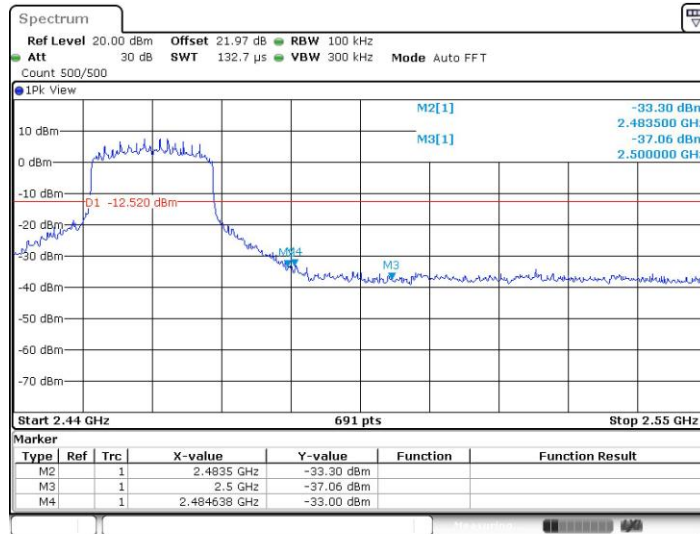
11N40MIMO\_Ant2\_High\_2452



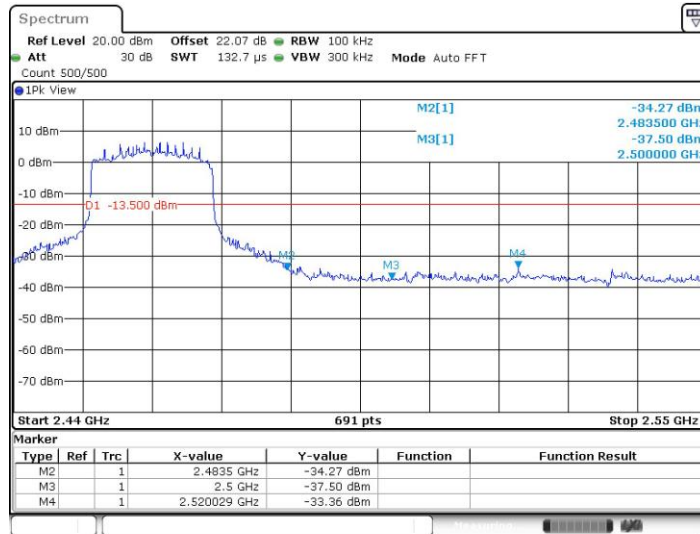




11AX20MIMO\_Ant1\_High\_2462

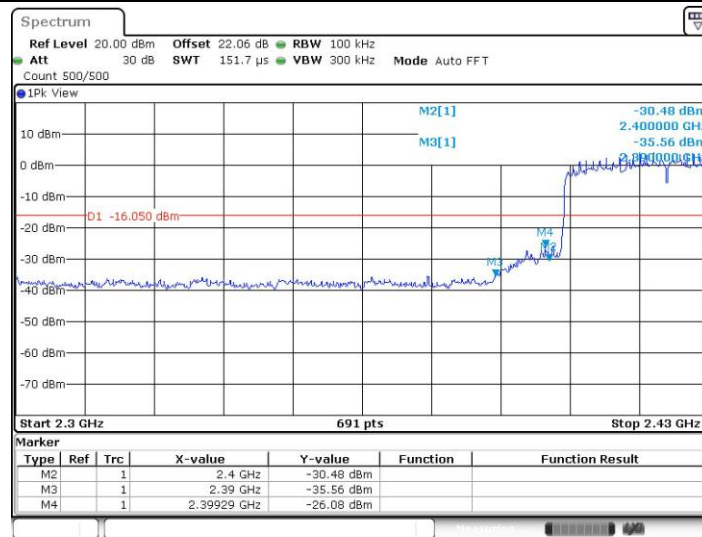


11AX20MIMO\_Ant2\_High\_2462

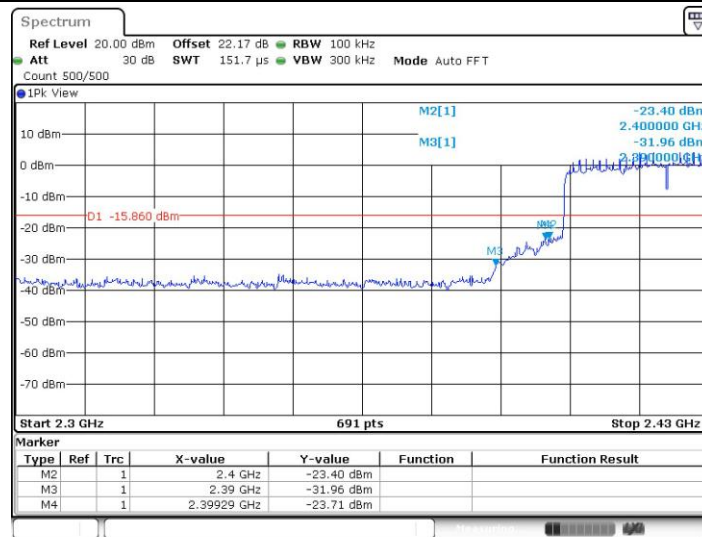




11AX40MIMO\_Ant1\_Low\_2422

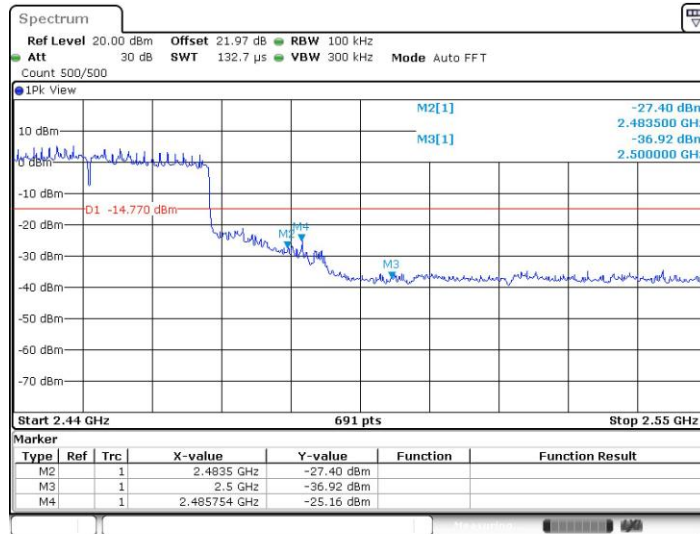


11AX40MIMO\_Ant2\_Low\_2422

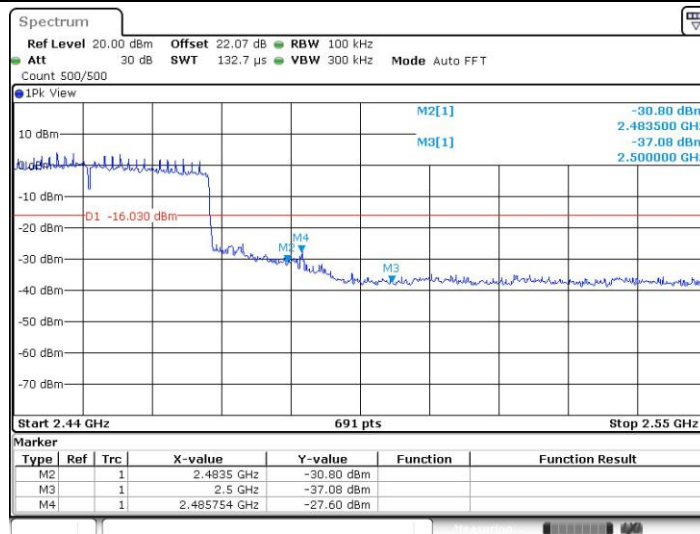




11AX40MIMO\_Ant1\_High\_2452



11AX40MIMO\_Ant2\_High\_2452





## Conducted Spurious Emission

### Test Result

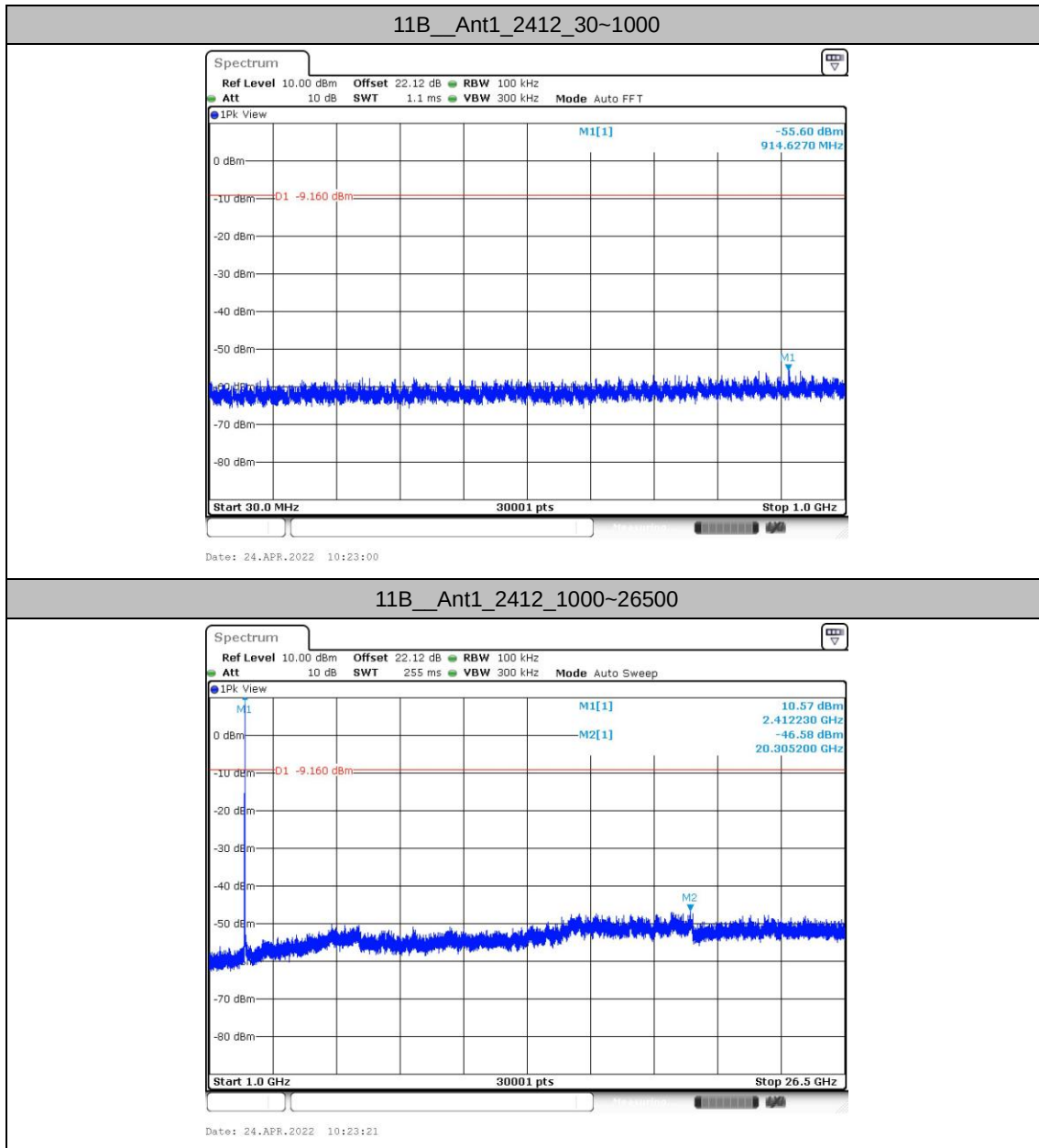
| TestMode  | Antenna | Freq(MHz) | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------|-----------------|----------------|--------------|-------------|---------|
| 11B_      | Ant1    | 2412      | 30~1000         | 10.84          | -55.6        | ≤-9.16      | PASS    |
|           |         |           | 1000~26500      | 10.84          | -46.58       | ≤-9.16      | PASS    |
|           | Ant2    | 2412      | 30~1000         | 10.45          | -56.16       | ≤-9.55      | PASS    |
|           |         |           | 1000~26500      | 10.45          | -46.67       | ≤-9.55      | PASS    |
|           | Ant1    | 2437      | 30~1000         | 11.44          | -56          | ≤-8.56      | PASS    |
|           |         |           | 1000~26500      | 11.44          | -46.91       | ≤-8.56      | PASS    |
|           | Ant2    | 2437      | 30~1000         | 11.38          | -55.78       | ≤-8.62      | PASS    |
|           |         |           | 1000~26500      | 11.38          | -45.59       | ≤-8.62      | PASS    |
|           | Ant1    | 2462      | 30~1000         | 10.52          | -56.35       | ≤-9.48      | PASS    |
|           |         |           | 1000~26500      | 10.52          | -46.88       | ≤-9.48      | PASS    |
|           | Ant2    | 2462      | 30~1000         | 10.06          | -55.96       | ≤-9.94      | PASS    |
|           |         |           | 1000~26500      | 10.06          | -45.73       | ≤-9.94      | PASS    |
| 11G_      | Ant1    | 2412      | 30~1000         | 7.83           | -56.43       | ≤-12.17     | PASS    |
|           |         |           | 1000~26500      | 7.83           | -45.37       | ≤-12.17     | PASS    |
|           | Ant2    | 2412      | 30~1000         | 7.13           | -56.29       | ≤-12.87     | PASS    |
|           |         |           | 1000~26500      | 7.13           | -46.05       | ≤-12.87     | PASS    |
|           | Ant1    | 2437      | 30~1000         | 8.13           | -55.3        | ≤-11.87     | PASS    |
|           |         |           | 1000~26500      | 8.13           | -46.47       | ≤-11.87     | PASS    |
|           | Ant2    | 2437      | 30~1000         | 7.68           | -56.17       | ≤-12.32     | PASS    |
|           |         |           | 1000~26500      | 7.68           | -46.5        | ≤-12.32     | PASS    |
|           | Ant1    | 2462      | 30~1000         | 7.41           | -56.23       | ≤-12.59     | PASS    |
|           |         |           | 1000~26500      | 7.41           | -45.7        | ≤-12.59     | PASS    |
|           | Ant2    | 2462      | 30~1000         | 6.56           | -55.15       | ≤-13.44     | PASS    |
|           |         |           | 1000~26500      | 6.56           | -46.82       | ≤-13.44     | PASS    |
| 11N20MIMO | Ant1    | 2412      | 30~1000         | 6.35           | -56.39       | ≤-13.65     | PASS    |
|           |         |           | 1000~26500      | 6.35           | -47.28       | ≤-13.65     | PASS    |
|           | Ant2    | 2412      | 30~1000         | 5.64           | -56.09       | ≤-14.36     | PASS    |
|           |         |           | 1000~26500      | 5.64           | -46.34       | ≤-14.36     | PASS    |
|           | Ant1    | 2437      | 30~1000         | 7.58           | -56.4        | ≤-12.42     | PASS    |
|           |         |           | 1000~26500      | 7.58           | -47.27       | ≤-12.42     | PASS    |
|           | Ant2    | 2437      | 30~1000         | 6.99           | -57.16       | ≤-13.01     | PASS    |
|           |         |           | 1000~26500      | 6.99           | -46.87       | ≤-13.01     | PASS    |
|           | Ant1    | 2462      | 30~1000         | 3.51           | -57.35       | ≤-16.49     | PASS    |
|           |         |           | 1000~26500      | 3.51           | -46.88       | ≤-16.49     | PASS    |
|           | Ant2    | 2462      | 30~1000         | 2.38           | -57.03       | ≤-17.62     | PASS    |
|           |         |           | 1000~26500      | 2.38           | -47.21       | ≤-17.62     | PASS    |



|            |      |      |            |       |        |               |      |
|------------|------|------|------------|-------|--------|---------------|------|
| 11N40MIMO  | Ant1 | 2422 | 30~1000    | 1.53  | -56.71 | $\leq -18.47$ | PASS |
|            |      |      | 1000~26500 | 1.53  | -47.53 | $\leq -18.47$ | PASS |
|            | Ant2 | 2422 | 30~1000    | 1.90  | -56.88 | $\leq -18.1$  | PASS |
|            |      |      | 1000~26500 | 1.90  | -47.72 | $\leq -18.1$  | PASS |
|            | Ant1 | 2437 | 30~1000    | 2.36  | -56.6  | $\leq -17.64$ | PASS |
|            |      |      | 1000~26500 | 2.36  | -47.33 | $\leq -17.64$ | PASS |
|            | Ant2 | 2437 | 30~1000    | 2.16  | -56.39 | $\leq -17.84$ | PASS |
|            |      |      | 1000~26500 | 2.16  | -47.38 | $\leq -17.84$ | PASS |
|            | Ant1 | 2452 | 30~1000    | -0.83 | -56.59 | $\leq -20.83$ | PASS |
|            |      |      | 1000~26500 | -0.83 | -48.02 | $\leq -20.83$ | PASS |
|            | Ant2 | 2452 | 30~1000    | -2.04 | -57.16 | $\leq -22.04$ | PASS |
|            |      |      | 1000~26500 | -2.04 | -47.19 | $\leq -22.04$ | PASS |
| 11AX20MIMO | Ant1 | 2412 | 30~1000    | 7.63  | -55.68 | $\leq -12.37$ | PASS |
|            |      |      | 1000~26500 | 7.63  | -46.21 | $\leq -12.37$ | PASS |
|            | Ant2 | 2412 | 30~1000    | 7.04  | -56.03 | $\leq -12.96$ | PASS |
|            |      |      | 1000~26500 | 7.04  | -46.78 | $\leq -12.96$ | PASS |
|            | Ant1 | 2437 | 30~1000    | 7.99  | -55.52 | $\leq -12.01$ | PASS |
|            |      |      | 1000~26500 | 7.99  | -46.65 | $\leq -12.01$ | PASS |
|            | Ant2 | 2437 | 30~1000    | 7.41  | -55.7  | $\leq -12.59$ | PASS |
|            |      |      | 1000~26500 | 7.41  | -46.52 | $\leq -12.59$ | PASS |
|            | Ant1 | 2462 | 30~1000    | 7.48  | -56.07 | $\leq -12.52$ | PASS |
|            |      |      | 1000~26500 | 7.48  | -46.47 | $\leq -12.52$ | PASS |
|            | Ant2 | 2462 | 30~1000    | 6.50  | -56.39 | $\leq -13.5$  | PASS |
|            |      |      | 1000~26500 | 6.50  | -46.59 | $\leq -13.5$  | PASS |
| 11AX40MIMO | Ant1 | 2422 | 30~1000    | 3.95  | -55.54 | $\leq -16.05$ | PASS |
|            |      |      | 1000~26500 | 3.95  | -46.43 | $\leq -16.05$ | PASS |
|            | Ant2 | 2422 | 30~1000    | 4.14  | -55.67 | $\leq -15.86$ | PASS |
|            |      |      | 1000~26500 | 4.14  | -46.18 | $\leq -15.86$ | PASS |
|            | Ant1 | 2437 | 30~1000    | 4.92  | -55.35 | $\leq -15.08$ | PASS |
|            |      |      | 1000~26500 | 4.92  | -46.21 | $\leq -15.08$ | PASS |
|            | Ant2 | 2437 | 30~1000    | 4.69  | -56.08 | $\leq -15.31$ | PASS |
|            |      |      | 1000~26500 | 4.69  | -46.05 | $\leq -15.31$ | PASS |
|            | Ant1 | 2452 | 30~1000    | 5.23  | -56.65 | $\leq -14.77$ | PASS |
|            |      |      | 1000~26500 | 5.23  | -46.31 | $\leq -14.77$ | PASS |
|            | Ant2 | 2452 | 30~1000    | 3.97  | -56.07 | $\leq -16.03$ | PASS |
|            |      |      | 1000~26500 | 3.97  | -46.78 | $\leq -16.03$ | PASS |

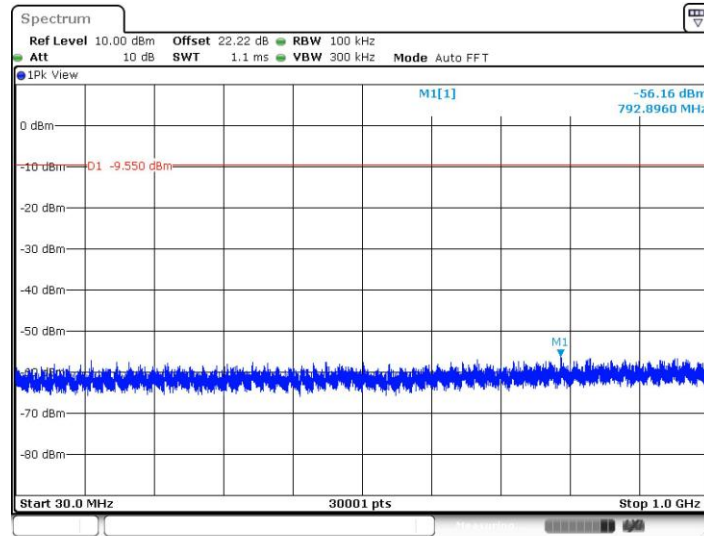


## Test Graphs



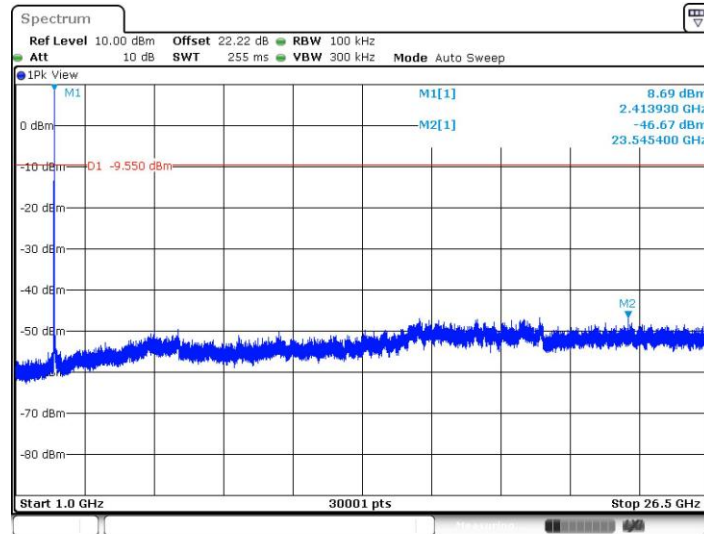


11B\_Ant2\_2412\_30~1000



Date: 24.APR.2022 10:24:24

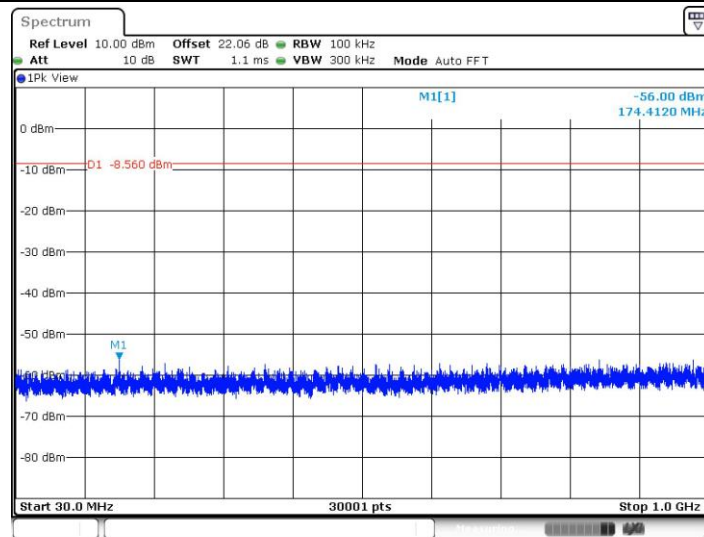
11B\_Ant2\_2412\_1000~26500



Date: 24.APR.2022 10:24:46

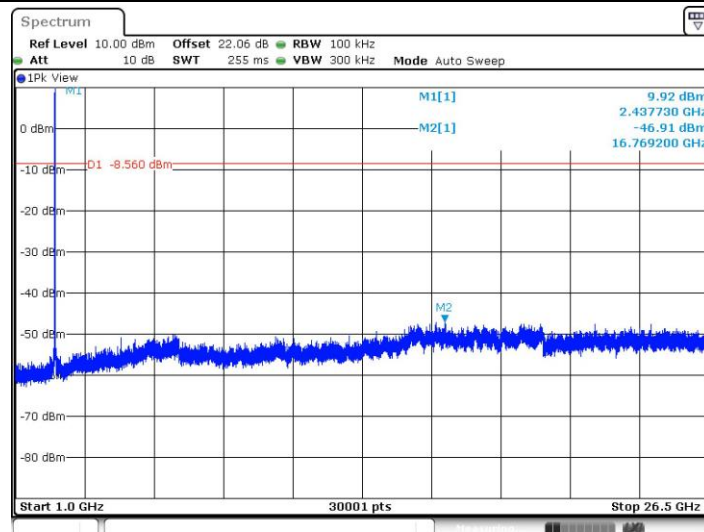


11B\_Ant1\_2437\_30~1000



Date: 24.APR.2022 10:27:01

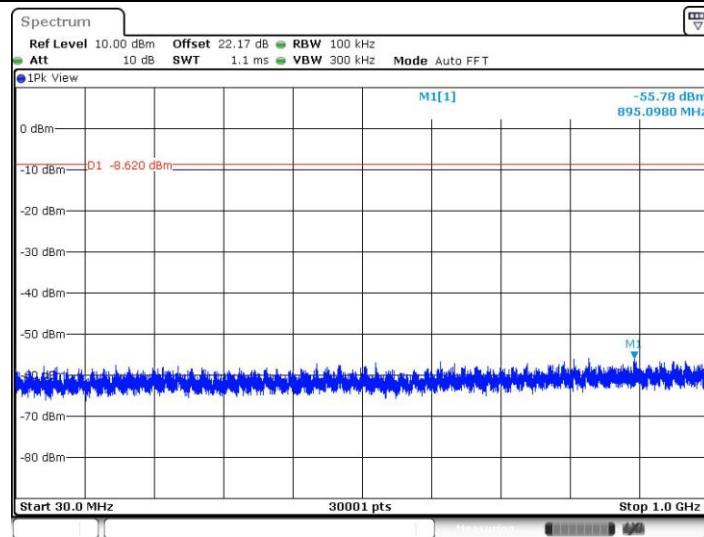
11B\_Ant1\_2437\_1000~26500



Date: 24.APR.2022 10:27:23

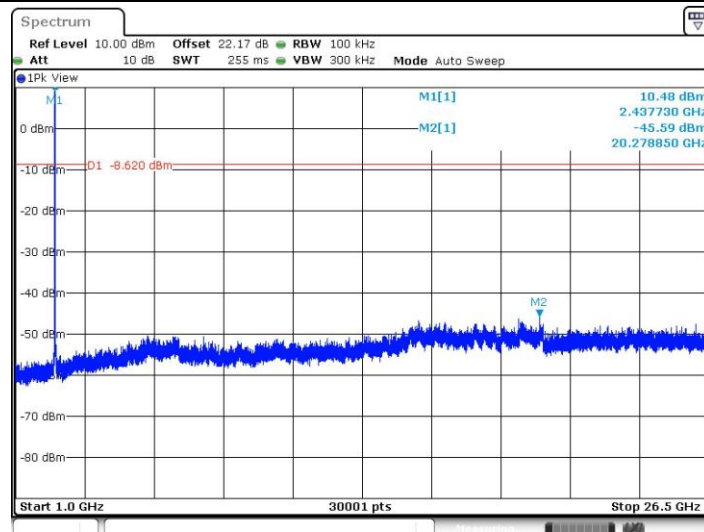


11B\_Ant2\_2437\_30~1000



Date: 24.APR.2022 10:28:14

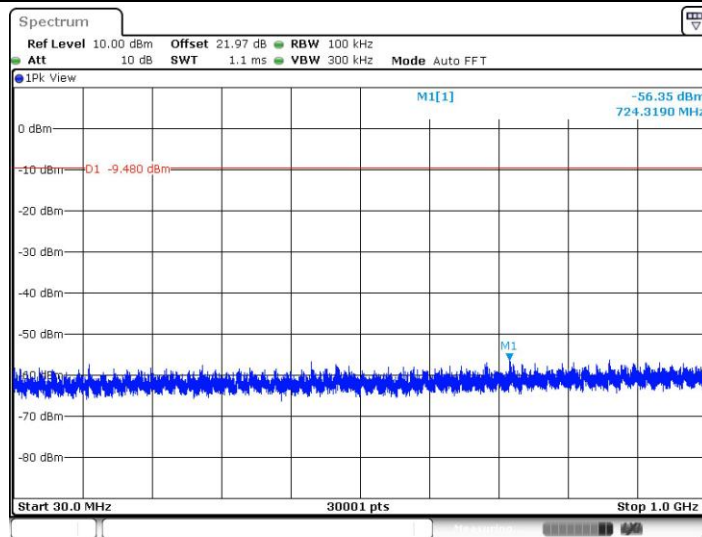
11B\_Ant2\_2437\_1000~26500



Date: 24.APR.2022 10:28:36

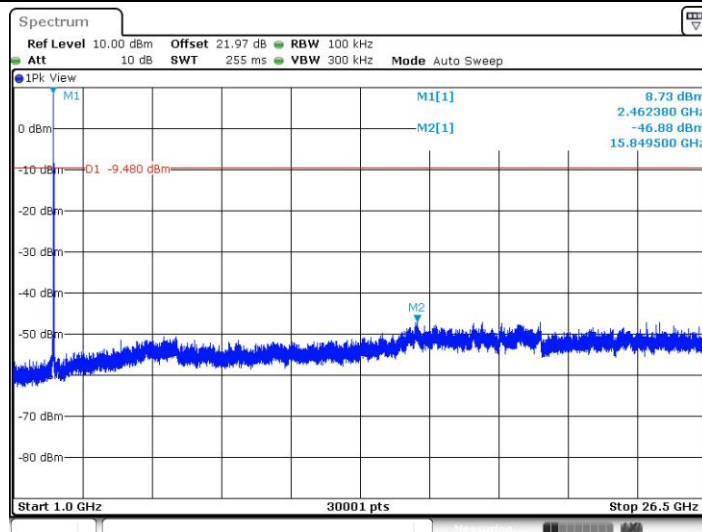


11B\_Ant1\_2462\_30~1000



Date: 24.APR.2022 10:30:49

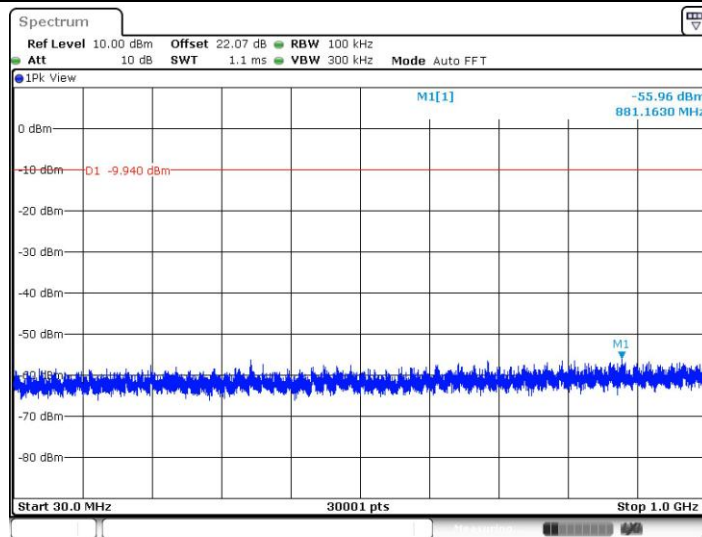
11B\_Ant1\_2462\_1000~26500



Date: 24.APR.2022 10:31:11

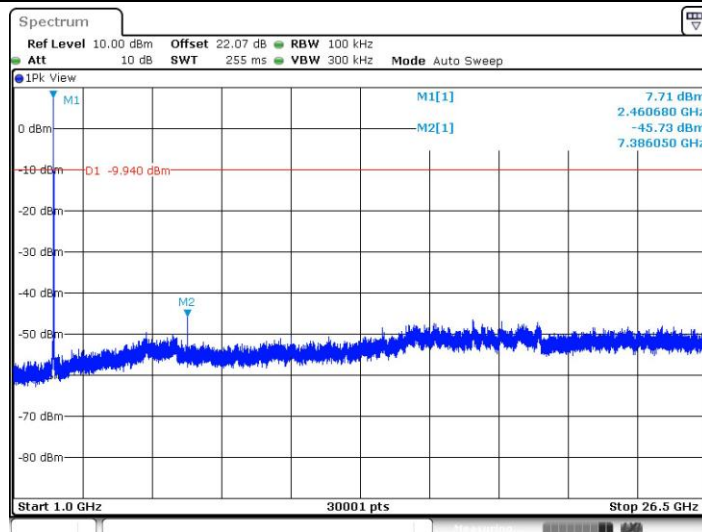


11B\_Ant2\_2462\_30~1000

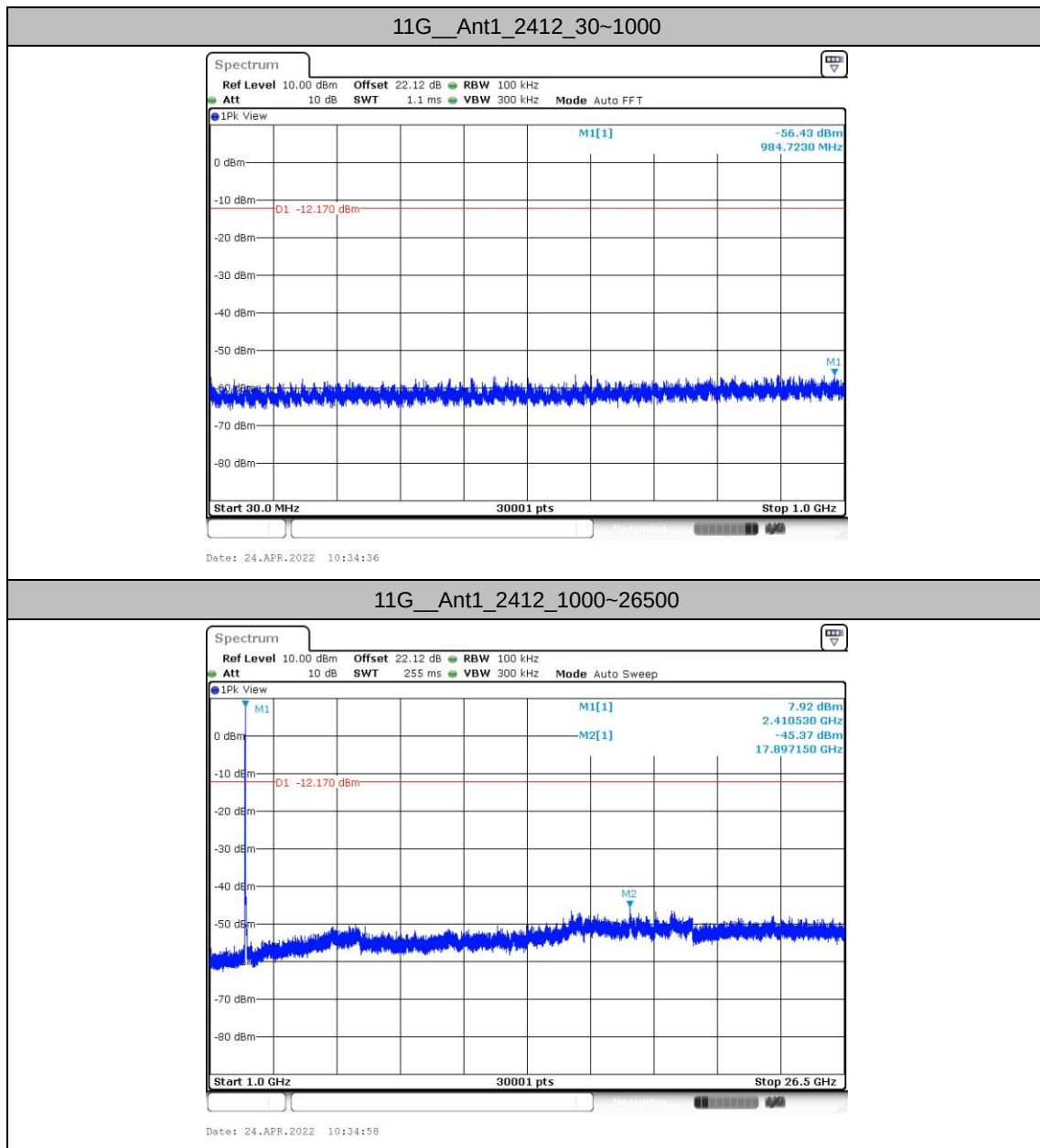


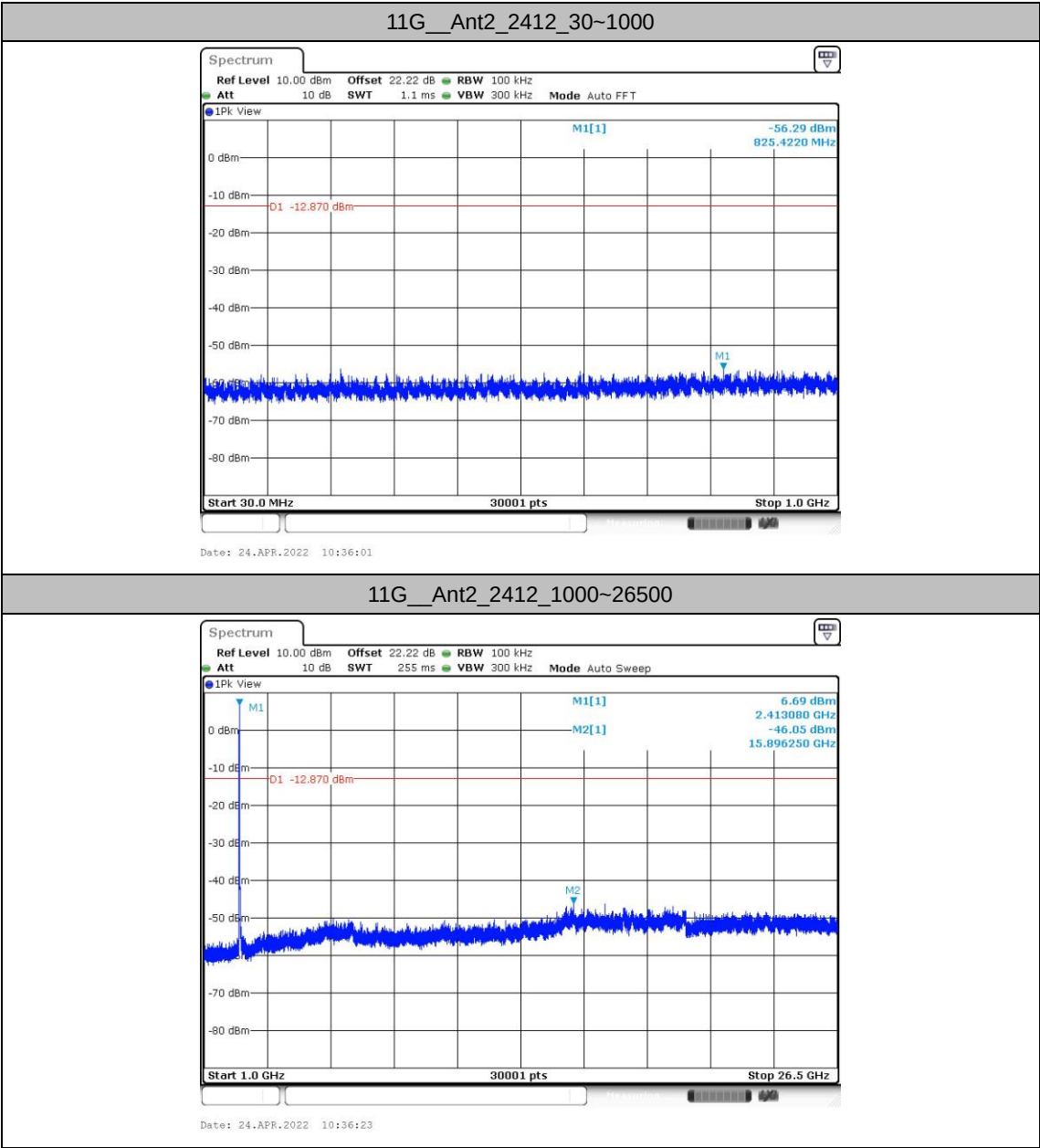
Date: 24.APR.2022 10:32:17

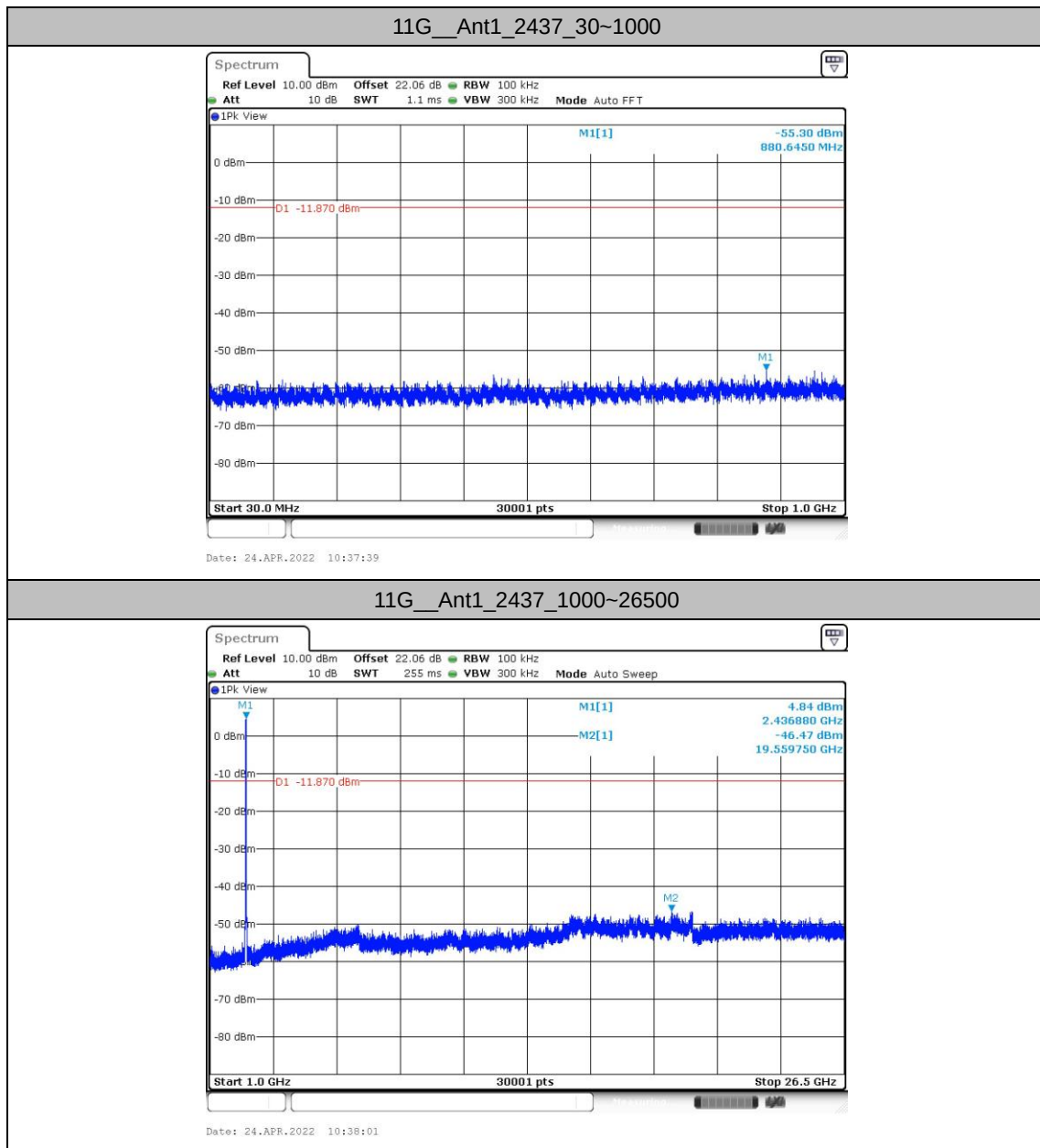
11B\_Ant2\_2462\_1000~26500

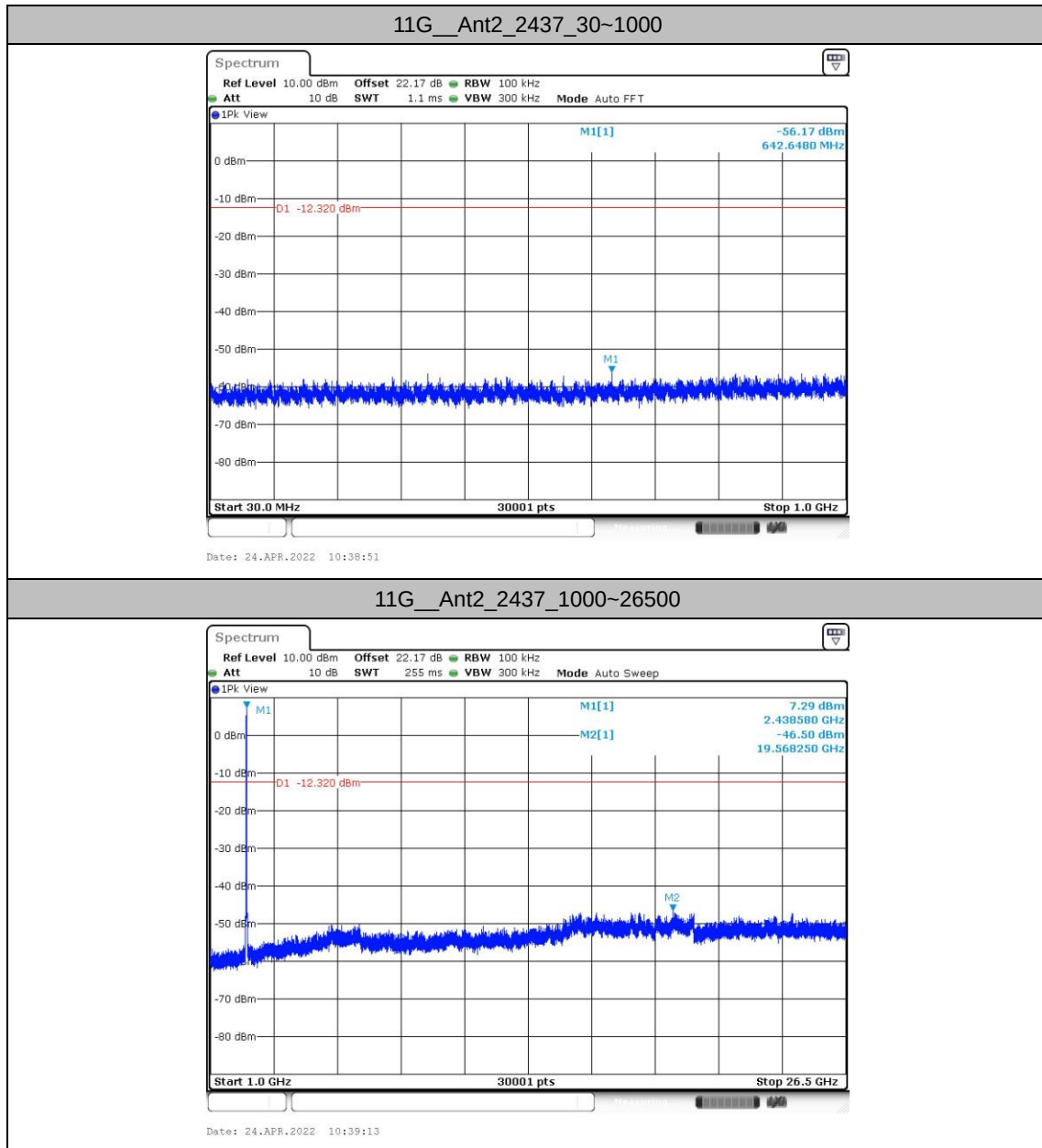


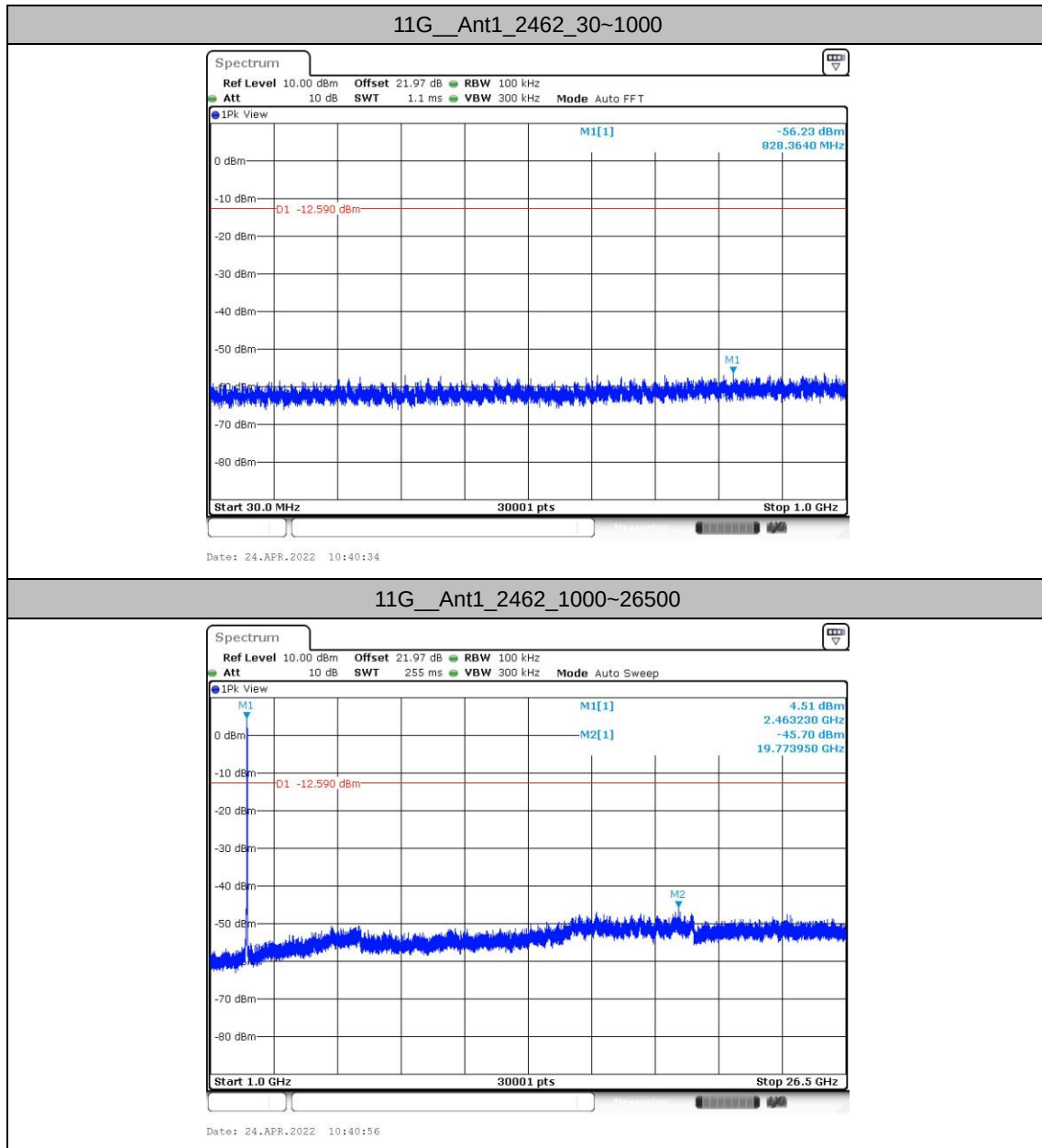
Date: 24.APR.2022 10:32:39





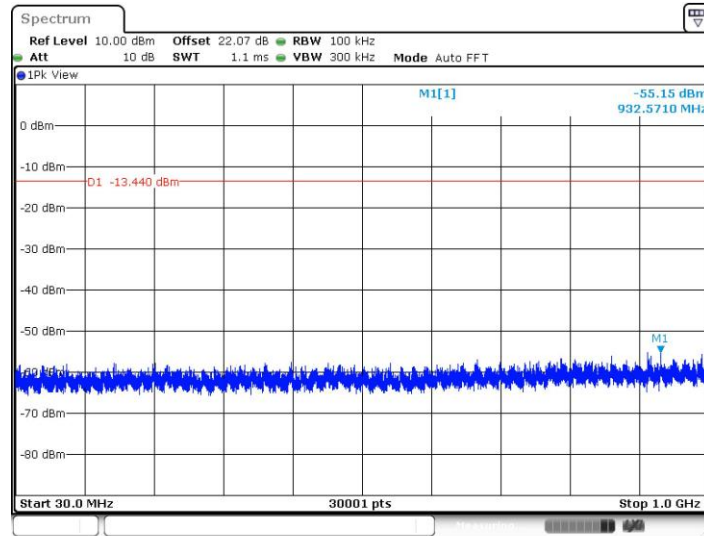






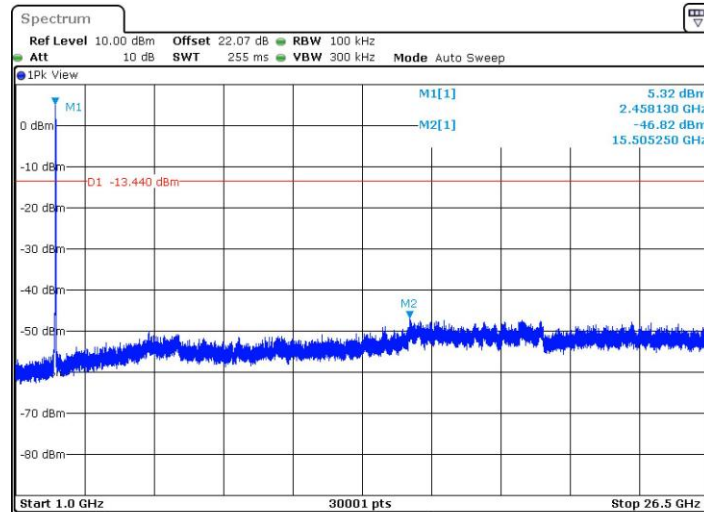


11G\_Ant2\_2462\_30~1000



Date: 24.APR.2022 10:42:00

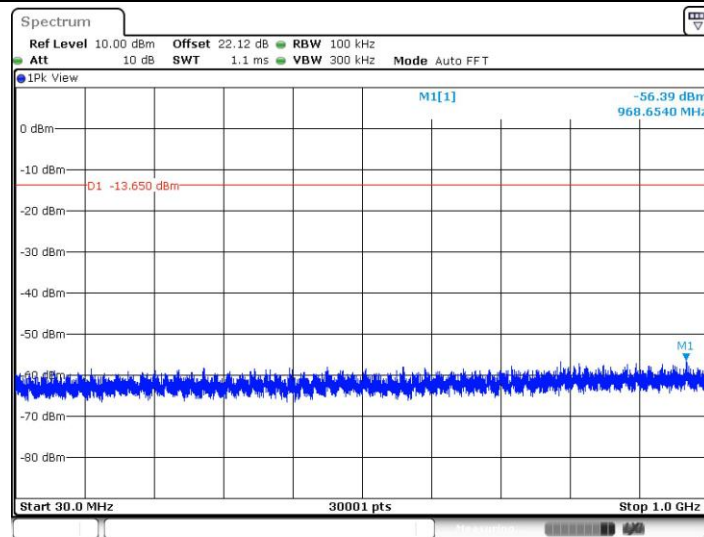
11G\_Ant2\_2462\_1000~26500



Date: 24.APR.2022 10:42:22

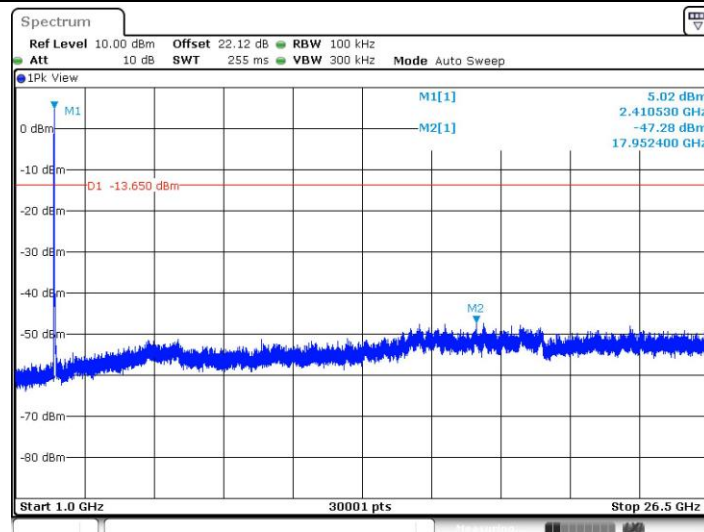


11N20MIMO\_Ant1\_2412\_30~1000



Date: 11.MAY.2022 16:40:37

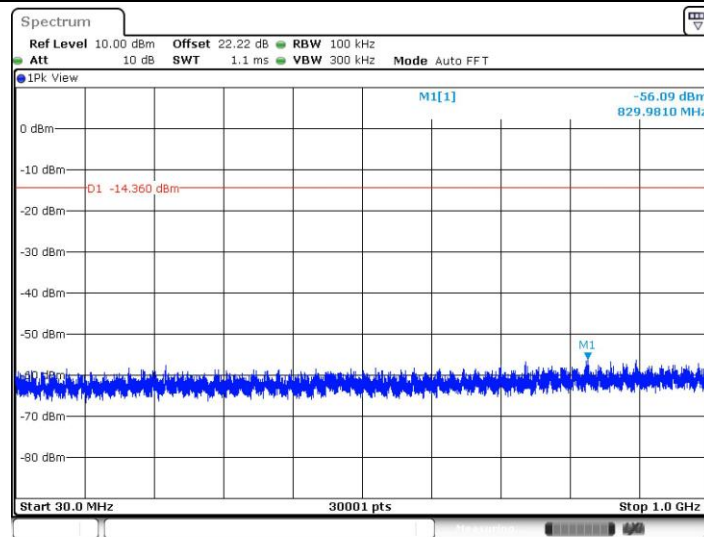
11N20MIMO\_Ant1\_2412\_1000~26500



Date: 11.MAY.2022 16:40:59

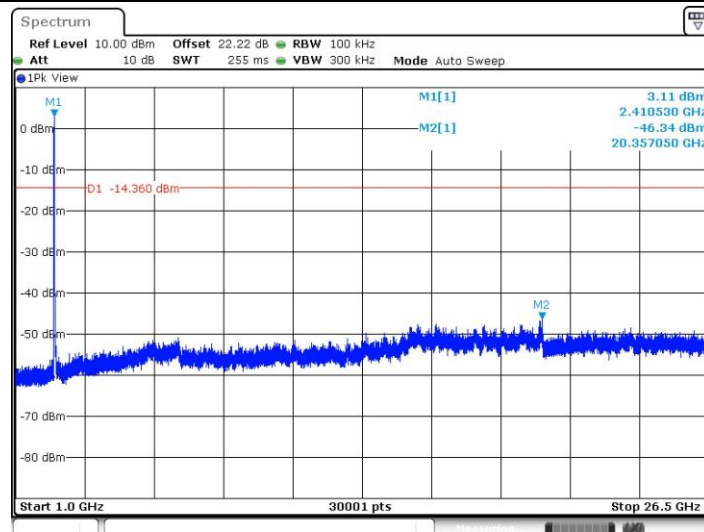


11N20MIMO\_Ant2\_2412\_30~1000



Date: 11.MAY.2022 16:42:02

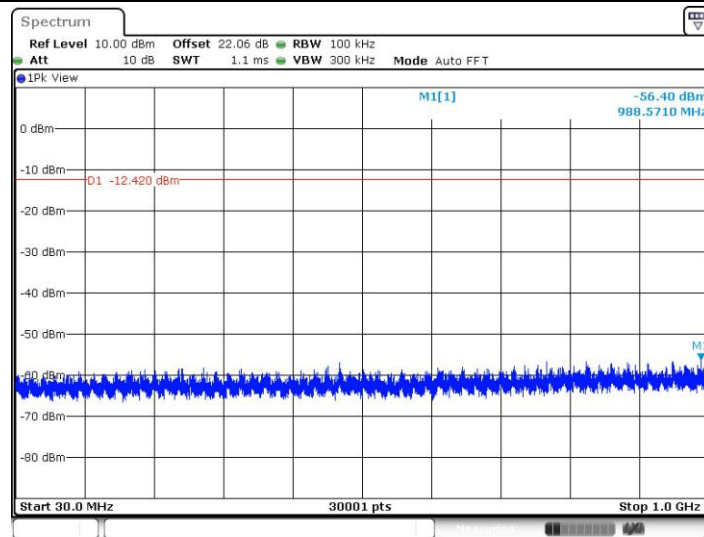
11N20MIMO\_Ant2\_2412\_1000~26500



Date: 11.MAY.2022 16:42:24

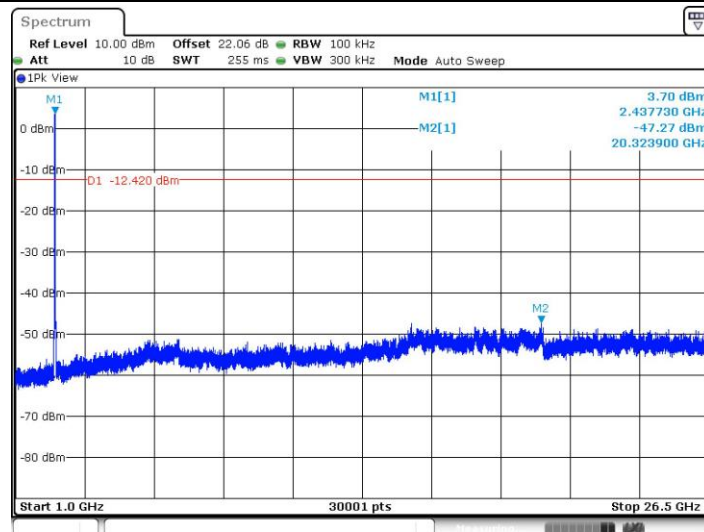


11N20MIMO\_Ant1\_2437\_30~1000



Date: 11.MAY.2022 16:43:39

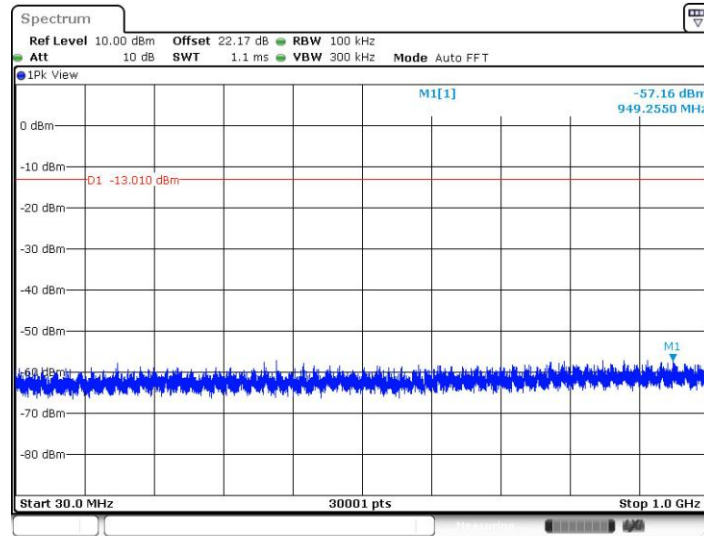
11N20MIMO\_Ant1\_2437\_1000~26500



Date: 11.MAY.2022 16:44:01

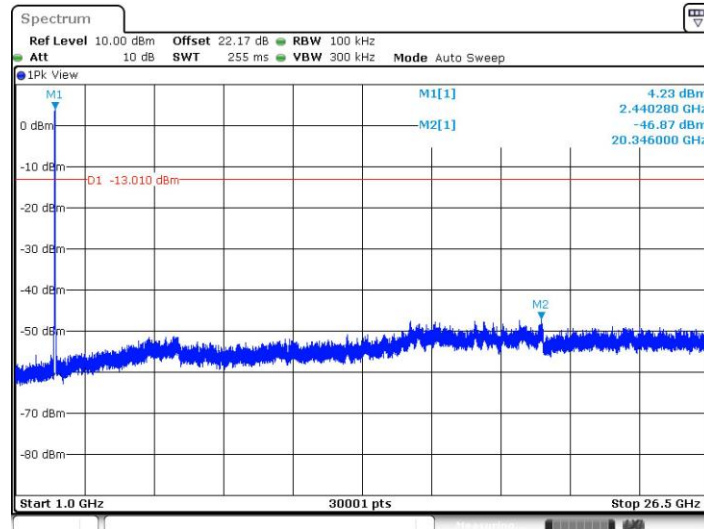


11N20MIMO\_Ant2\_2437\_30~1000



Date: 11.MAY.2022 16:44:53

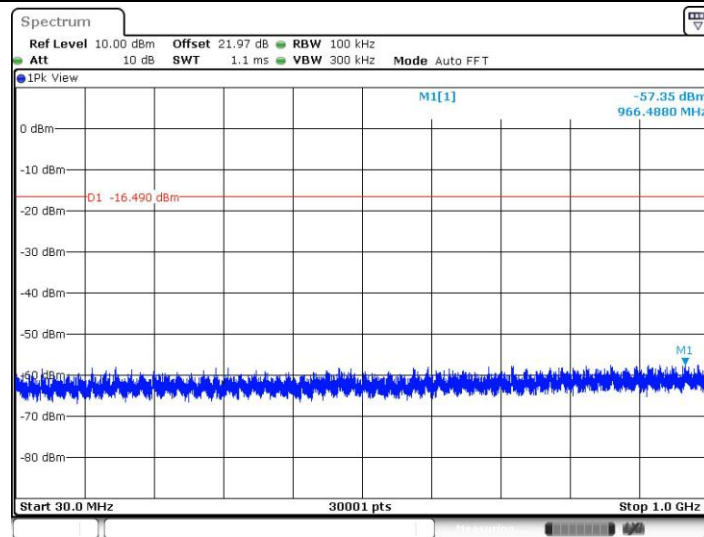
11N20MIMO\_Ant2\_2437\_1000~26500



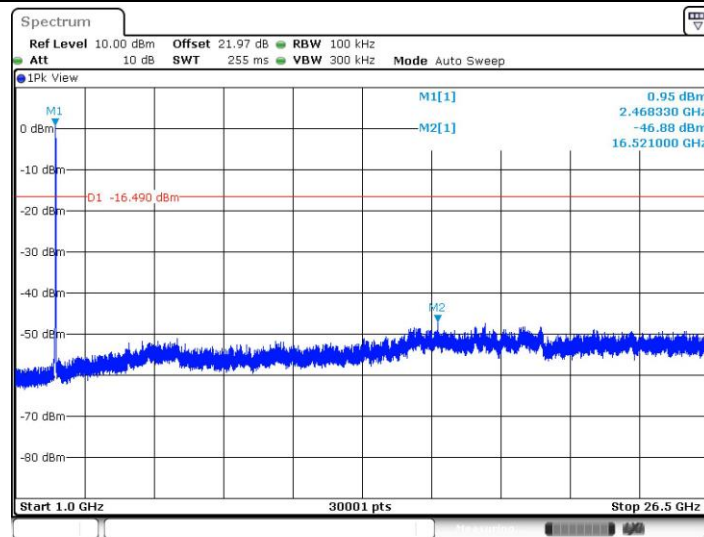
Date: 11.MAY.2022 16:45:15



11N20MIMO\_Ant1\_2462\_30~1000

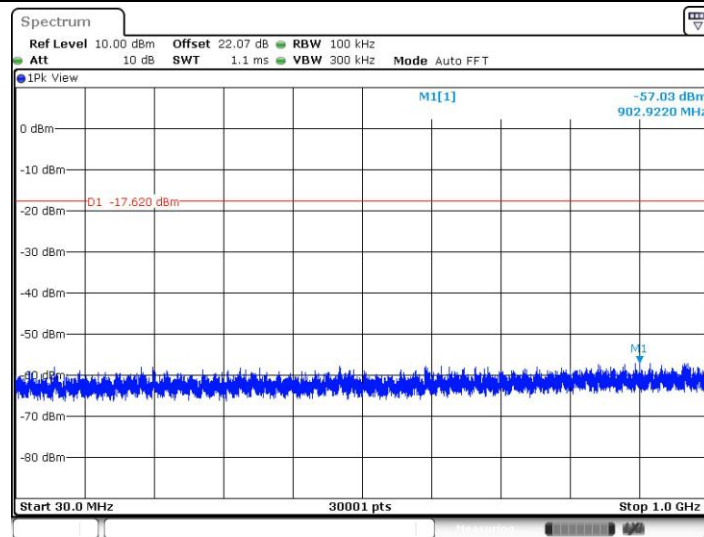


11N20MIMO\_Ant1\_2462\_1000~26500



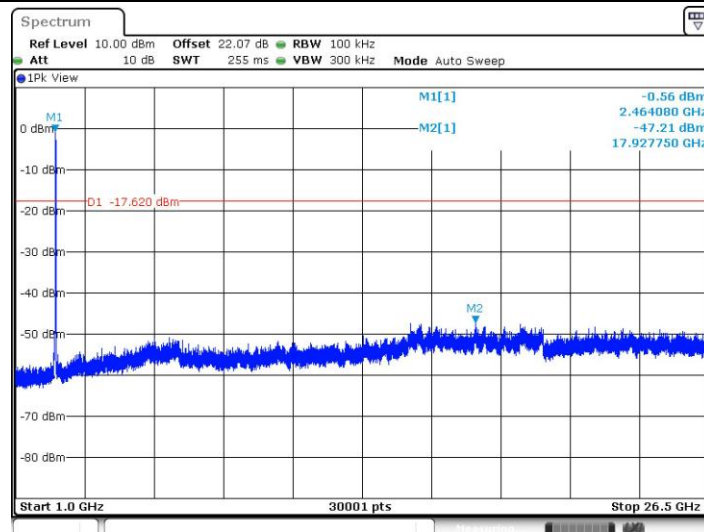


11N20MIMO\_Ant2\_2462\_30~1000



Date: 11.MAY.2022 16:48:06

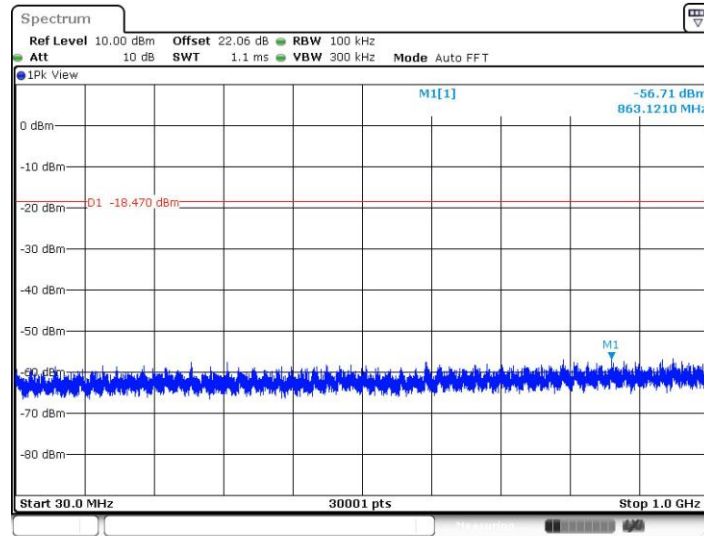
11N20MIMO\_Ant2\_2462\_1000~26500



Date: 11.MAY.2022 16:48:28

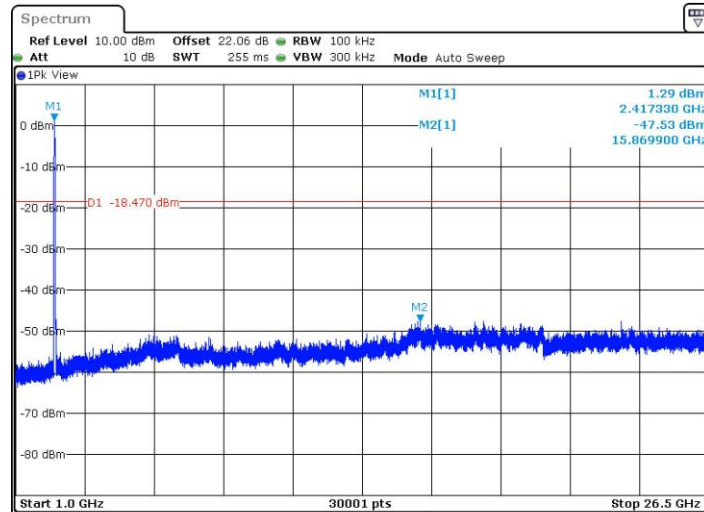


11N40MIMO\_Ant1\_2422\_30~1000



Date: 11.MAY.2022 16:51:03

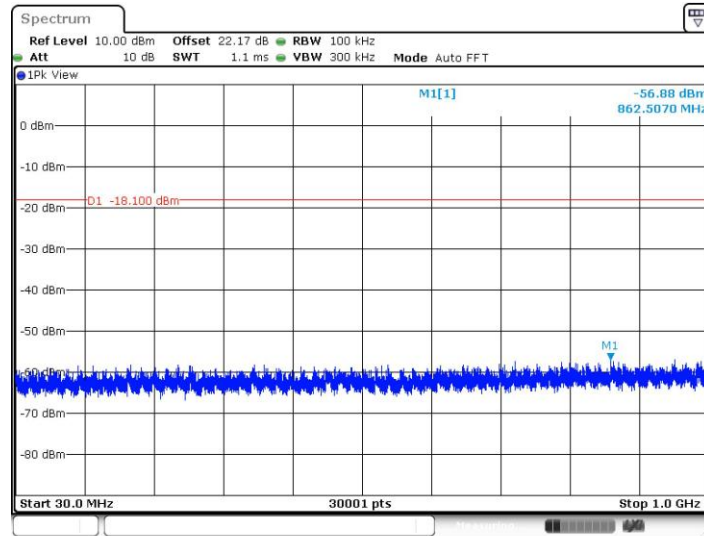
11N40MIMO\_Ant1\_2422\_1000~26500



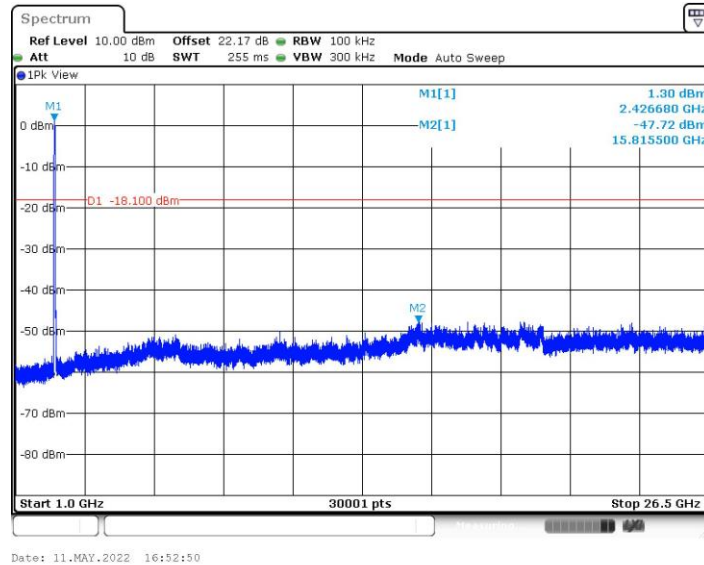
Date: 11.MAY.2022 16:51:25



11N40MIMO\_Ant2\_2422\_30~1000

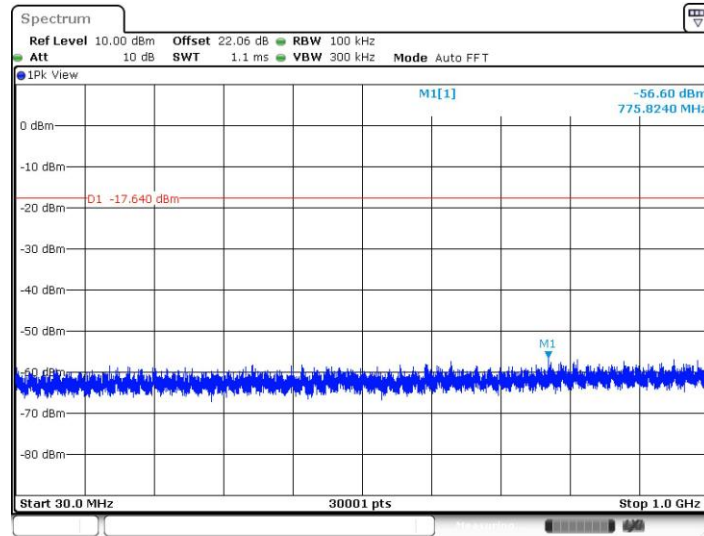


11N40MIMO\_Ant2\_2422\_1000~26500



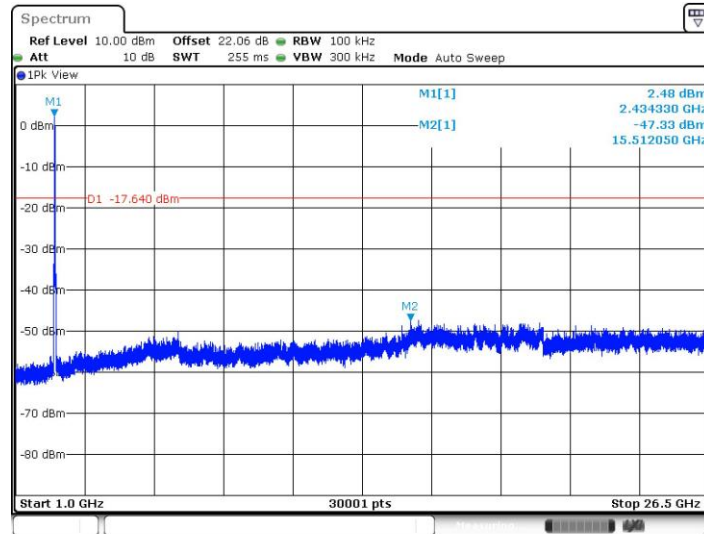


11N40MIMO\_Ant1\_2437\_30~1000



Date: 11.MAY.2022 16:53:59

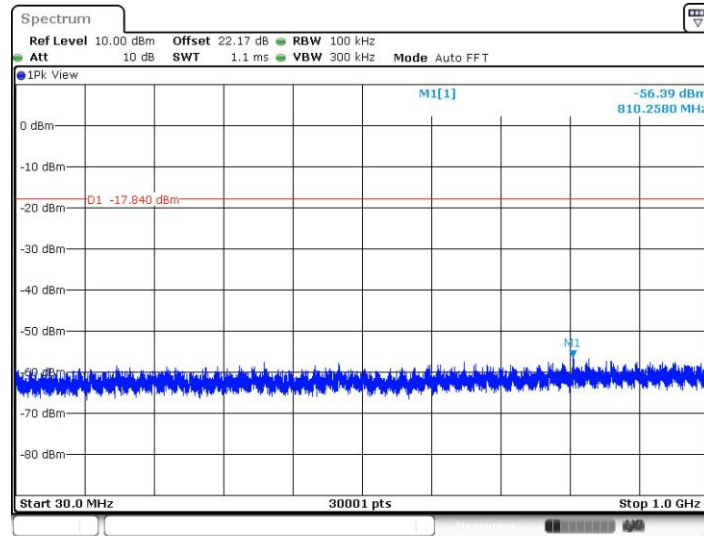
11N40MIMO\_Ant1\_2437\_1000~26500



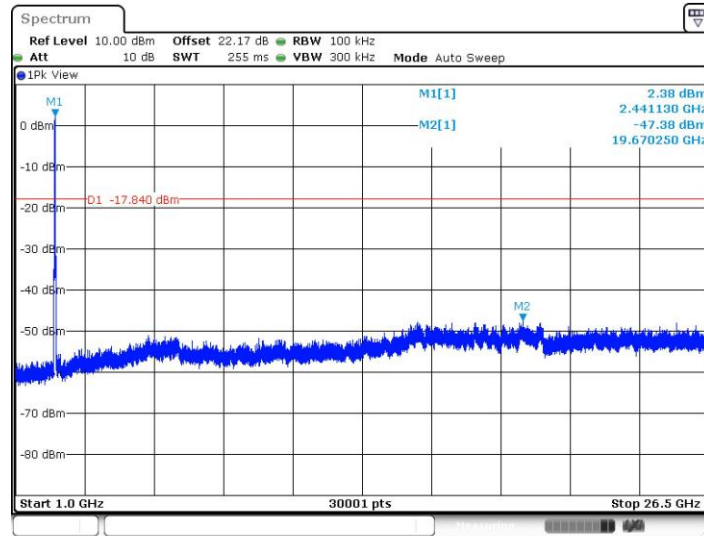
Date: 11.MAY.2022 16:54:21



11N40MIMO\_Ant2\_2437\_30~1000

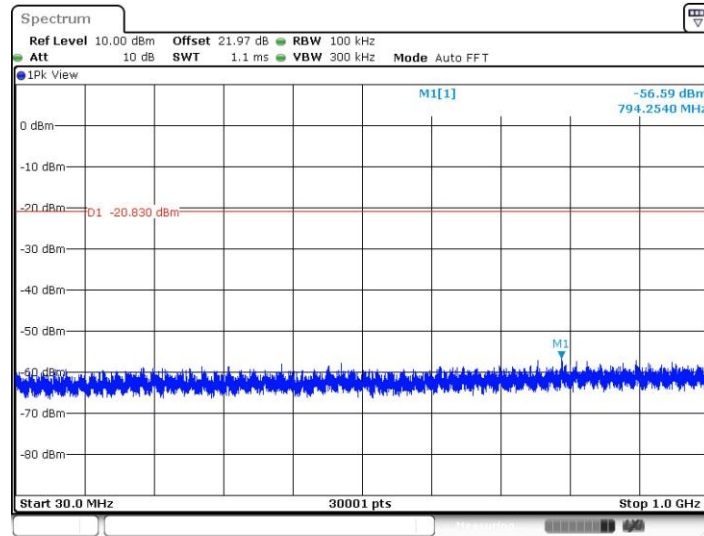


11N40MIMO\_Ant2\_2437\_1000~26500



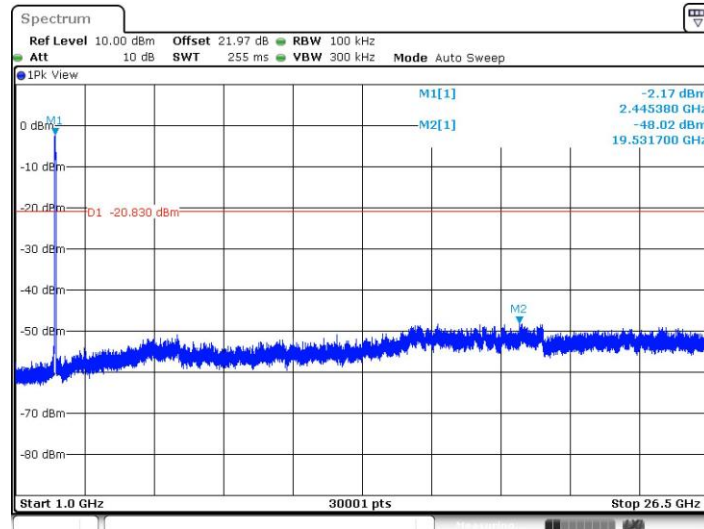


11N40MIMO\_Ant1\_2452\_30~1000



Date: 11.MAY.2022 16:56:54

11N40MIMO\_Ant1\_2452\_1000~26500



Date: 11.MAY.2022 16:57:16